CATALOG "B"

MILWAUKEE CORRUGATING COMPANY.

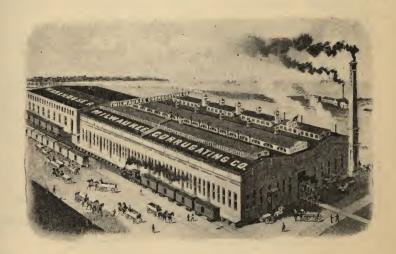
MILWAUKEE WIS.U.S.A.



ILLUSTRATED CATALOGUE

- OF THE -

Milwaukee Corrugating Co.



MILWAUKEE, WIS.

U. S. A.

General Office and Factory: Corner South Bay and Aldrich Streets.



NNOUNCEMENT.

In presenting this our Catalogue "A" to the trade, we feel assured of its completeness, as it contains a line of illustrations, lists and descriptions that will merit your careful attention.

Although the establishment of this Company is but recent, our officers have enjoyed the distinct reputation of a world wide experience in this line for many years and it will be extremely grateful to us to solicit the valued patronage of our many friends.

By our improved machinery, large capacity and superior shipping facilities, we are in a position to produce the best goods for the least money and at all times fill orders promptly.

Trusting that we may be favored with a liberal share of your valued patronage for such goods as you require in our line, we are,

Very truly yours,

the official territory are a great from

Milwaukee Corrugating Co.

Good Goods Make Good Business.

It has been demonstrated time and again that

Successful Firms

are those who educate their trade to Good Goods, and who give their customers exactly what they agree to furnish, not something

Just as Good.

If you are in business to stay you cannot afford to lay foundation on any other basis.

Quality

counts and in the long run is the cheapest.

All Our Goods

are guaranteed satisfactory and build up for you a permanent successful business.

Poor Goods Are Never Cheap.

No manufacturer, jobber or dealer ever built up a permanently successful business on poor goods.

Time is Money.

You cannot afford to spend time and energy on customers who are continually seeking the poorest mongrel in the market

It takes more time to serve them, they make more claims for allowances, and they are YOUR customer ONLY when someone else hasn't a poor mongrel at a lower price.

Think It Over

and see if it does not fully tally with experience.

TERMS.

Credit given to financially responsible buyers only.

Net cash in thirty days, or 1 per cent. off for cash paid within ten days from date of Invoice.

Parties desiring credit must have good commercial rating or furnish references from whom satisfactory information must be received before shipment will be made, otherwise we shall expect instructions to ship goods to our address and send Bill of Lading attached to sight draft for the amount of Invoice, less one per cent. cash discount.

All claims against Invoices must be made on receipt of goods.

For goods lost or damaged by Railroad Companies purchaser must file claim with them as we cannot be held responsible.

Remittances must be made by New York or Chicago Exchange, or its equivalent, Express, P. O. Money Order or l'ostal Note, and not by personal check (unless Exchange is added.)

No extension allowed, nor more than thirty days credit given, except by special agreement to parties financially responsible, on note bearing 8 per cent. interest after thirty days.

Telegrams must be prepaid.

Prices subject to change without notice.

All contracts subject to strikes, accidents, delays in transit or other causes beyond our control.

Under no circumstances will we consign goods.

NOTICE.

All orders sent us without previous quotations will be shipped at our regular prices, which will be as low as if quoted before receiving the order.



FIRST PART.



EAVES TROUGH, CONDUCTOR PIPE, EAVES TROUGH HANGERS.

Valleys, Hooks, Cast Iron Boots and Shoes,
Ridge Coverings.
Rain Water Cut-Offs, Ventilators,
Common Black Steel,
Galvanized Steel, Planished Iron, Sheet Zinc,
Sheet Copper, Solder,
Rivets, Fire Pots, Iron Crestings, Etc.

ROOFING PLATES,

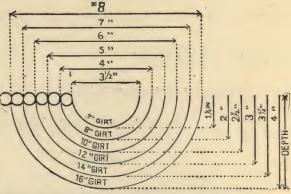
BRIGHT PLATES,

COKE PLATES,

CONTINUOUS ROOFING TIN.



Slip Joint Eaves Trough. SINGLE BEAD.



Shows Depth and Girt of Different Sizes Eaves Trough.

Made in Lengths of Ten (10) Feet of No. 28 Galvanized Iron, IC and IX Terne Tin.

PRICE LIST.

IC Terne Tin.	IX Terne Tin.				
10 Feet Long. Slip Joint.	10 Feet Long. Slip Joint.				
Per Foot. So. 09 3½ in. IC Terne Plate \$0. 09 3½ in. IC Terne Plate .10 4 in. IC Terne Plate .11 4½ in. IC Terne Plate .12 5 in. IC Terne Plate .13 6 in. IC Terne Plate .15 7 in. IC Terne Plate .17 8 in. IC Terne Plate .20	Per Foot. 3 in. IX Terne Plate \$0.10 3½ in. IX Terne Plate11 4 in. IX Terne Plate12 4½ in. IX Terne Plate13 5 in. IX Terne Plate14 6 in. IX Terne Plate16 7 in. IX Terne Plate18 8 in. IX Terne Plate21				

Galvanized Iron.

(No. 28 Gauge.) 10 Feet Long. Slip Joint.

	Per Foot
3	in. Galvanized\$0.14
31/2	in. Galvanized15
4	in. Galvanized :17
41/2	in. Galvanized19
5	in. Galvanized20
6	in. Galvanized24
7	in. Galvanized28
8	in. Galvanized31
	Title on and out on Cities Take

Discount.

	Per	Cent	
Galvanized	 		
IC Terne	 		
IX Terne	 		

Packed in Cases of 250 Feet.

When ordering Slip Joint Trough, state whether right or left is wanted, otherwise half right and half left will be shipped.

Always state whether Trough wanted is with or without Slip Joint.

Prices on Copper Trough quoted on application; state quantity and size.

Kuehn's Lap Joint Eaves Trough.

SINGLE BEAD.

Most Perfect and Uniform Trough on the Market.

Made in Lengths of Ten (10) Feet of No. 28 Galvanized Iron, IC and IX Terne Tin.

PRICE_LIST.

IC Terne Tin.	IX Terne Tin.				
10 Feet Long. Lap Joint.	10 Feet Long. Lap Joint.				
Per Foot.	Per Foot.				
3 in. IC Terne Plate \$0.08	3 in. IX Terne Plate \$0.09				
3½ in. IC Terne Plate09	3½ in. IX Terne Plate10				
4 in. IC Terne Plate10	4 in. IX Terne Plate11				
4½ in. IC Terne Plate11	4½ in. IX Terne Plate12				
5 in. IC Terne Plate12	J III. 121 I CIHO L MODE				
6 in. IC Terne Plate14	0 111, 111 101110 2 1110				
7 in. IC Terne Plate16	7 in. IX Terne Plate17 8 in. IX Terne Plate20				
8 in. IC Terne Plate19	8 III. IX Terme Parter.				
	Discount.				
Galvanized Iron.	Discount.				
(No. 28 Gauge.)	Discount.				
	Discount.				
(No. 28 Gauge.) 10 Feet Long. Lap Joint.	. Per Cent.				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. Per Foot. 3 in. Galvanized\$0.13 3½ in, Galvanized\$14	Per Cent.				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. For Foot. 3 in. Galvanized\$0.13 3½ in. Galvanized14 4 in. Galvanized16	. Per Cent.				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. For Foot. 3 in. Galvanized\$0.13 3½ in. Galvanized14 4 in. Galvanized16 4½ in. Galvanized18	Per Cent. Galvanized IC Terne				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. Per Foot. 3 in. Galvanized\$0.13 3½ in. Galvanized	Per Cent.				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. 1 'er Foot. 3 in. Galvanized	Galvanized IC Terne IX Terne				
(No. 28 Gauge.) 10 Feet Long. Lap Joint. Per Foot. 3 in. Galvanized\$0.13 3½ in. Galvanized	Per Cent. Galvanized IC Terne				

For Galvanized Iron Trough, heavier than 28 gauge, made from 8 foot length sheets, add the following advances to No. 28 list:

27 Gauge......\$0.02 per foot additional. 26 Gauge............03 per foot additional.

Heavier Gauges quoted on application.

Always state whether Trough is wanted with or without Slip Joint.

We always ship Galvanized Trough with Slip Joint, and Tin Trough with Lap Joint, unless otherwise specified.

Prices on Copper Trough quoted on application; state quantity and size.

Kuehn's "Reversible" Double Bead Slip Joint Eaves Trough.

Having a bead on both sides of the Trough, it can be used with either side to the building; therefore, to run water to the right or to the left, our Double Bead Eaves Trough is placed to the building with the slip joint to the right for the former and to the left for the latter.

For depth of different sizes, note diagram on page 6.

Made in Lengths of Ten (10) Feet of No. 28 Galvanized Iron, IC and IX Terne Tin.

PRICE LIST.

daivanized Hon.	Ualvanized Iron.
(No. 28 Gauge.)	(No 28 Gauge.)
10 Feet Long. Slip Joint.	10 Feet Long Len Joint
Per Foot.	10 Feet Long. Lap Joint.
3 in. Galvanized\$0.17	Per Foot.
o in. Garvanized	3 in. Galvanized\$0.16
3½ in. Galvanized18	3½ in. Galvanized17
4 in. Galvanized20	1 3m (N=1 1 7
	4½ in. Galvanized21
5 in. Galvanized23	5 in. Galvanized22
6 in. Galvanized27	
7 in. Galvanized31	on. Galvanized
8 in. Galvanized34	8 in. Galvanized33
IC T- T'	
IC Terne Tin.	IX Terne Tin.
10 Feet Long. Lap Joint.	
10 Feet Long. Lap Joint.	10 Feet Long. Lap Joint.
10 Feet Long. Lap Joint. Per Foot.	10 Feet Long. Lap Joint. Per Foot.
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12	10 Feet Long. Lap Joint. Per Foot.
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate13	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate13 5 in. IC Terne Plate15	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14 5 in. IX Terne Plate16
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate13 5 in. IC Terne Plate15 6 in. IC Terne Plate17	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate13 5 in. IC Terne Plate15	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14 5 in. IX Terne Plate16 6 in. IX Terne Plate18
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate13 5 in. IC Terne Plate15 6 in. IC Terne Plate17 7 in. IC Terne Plate19	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14 5 in. IX Terne Plate16 6 in. IX Terne Plate18 7 in. IX Terne Plate20
10 Feet Long. Lap Joint. Per Foot. 3½ in. IC Terne Plate \$0.12 4 in. IC Terne Plate15 5 in. IC Terne Plate15 6 in. IC Terne Plate17 7 in. IC Terne Plate19	10 Feet Long. Lap Joint. Per Foot. 3½ in. IX Terne Plate \$0.13 4 in. IX Terne Plate14 5 in. IX Terne Plate16 6 in. IX Terne Plate18

For Galvanized Trough, heavier Gauges than No. 28, made from 8 foot lengths, add the following advances to No. 28 list: For

Heavier Gauges quoted on application.

Discount.

IX Terne.....

Galvanized Iron

We always ship Galvanized Trough with Slip Joint, and Tin Trough with Lap Joint, unless otherwise specified.

See pages 19 and 21 for Double Bead Hangers.

Prices on Copper Trough quoted on application; state quantity and size.

DISCOUNT SHEET.

GALVANIZED SLIP JOINT GUTTER.

Net Prices per 100 feet on each Size at Various Discounts.

Net Prices per	100 16	et on	eacii	3120 0		040 2.	000		
	3 in.	3% in.	4 in.	41/2 in.	5 in.	6 in.	7 in.	8 in.	10 in.
SIZE.		per	per 100 ft.	per 100 ft	per 100 ft.				
, 11	per 100 ft.	per 100 ft.	100 ft.						
LIST	214 00	\$15.00	\$17 00	\$19:00	\$20.00	\$24.00	\$28.00	\$31.00	\$38.00
LIST.	D11.00	<u> </u>	Ψ11.00					-	
80-25-5 per cent	\$1.99	\$2.14	\$2.42	\$2.71	\$2.85	\$3.42	\$3.99	\$4.42	\$5.41
	1.99	2.14	2.42	2.71	2.85	3.42	3.99	4.42	5.41
85–5	2.04	2.19	2.47	2.77	2.92	3.50	4.09	4.52	5.54
80-10-10-10	2.08	2.22	2.52	2,82	2.96	3.56	4.15	4.59	5.64
80-20-5-2½	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
80-25		2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
85	2.10			2.89	3.04	3.65	4.26	4.71	5.78
80-20-5	2.13	2.28	2.58		3.08	3.70	4.31	4.77	5.85
80–10–10-5	2.16	2.31	2.61	2.93	3.16	3.79	4.43	4.89	6.01
80-10-10-21/2	2.21	2.37	2.68	3.00	3.20	3.84	4.48	4.96	6.08
80-20	2.24	2.40	2.72	3.04	3.24	3.89	4.54	5.02	6.16
80-10-10	2.27	2.43	2.75	3.08			4.67	5.17	6.34
80-10-5-21/2	2.33	2.50	2.84	3.17	3.33	4.00			6.50
80-10-5	2.39	2.56	2.91	3.25	3.42	4.10	4.79	5.30	
80-10-21/2	2.46	2.63	2.98	3.33	3.51	4:21	4.91	5.44	6.67
80-10	2.52	2.70	3.06	3.42	3.60	4.32	5.04	5.58	6.84
80-5-21/2	2.59	2.78	3.15	3.52	3.70	4.45	5.19	5.74	7.04
80–5	2.66	2.85	3:23	3.61	3.80	4.56	5.32	5.89	7.22
80-2½	2.73	2.92	3.31	3.70	3.90	4.68	5.46	6.04	7.41
80	2.80	3.00	3.40	3.80	4.00	4.80	5.60	6.20	7.60
75–10–10	2.83	3.03	3.44	3.84	4.05	4.86	5.67	6.27	7.69
75–10–5–2½		3.12	3.54	3.96	4.16	5.00	5.83	6.45	7.92
75-15	2.98	3.19	3.61	4.04	4.25	5.10	5.95	6.59	8.08
	0 00	3,20	3.63	4.06	4.27	5,13	5.98	6.62	8.12
75-10-5	0 00	3.28	3.72	4.16	4.37	5,25	6.12	6.78	8.31
75-121/2	0 00	3.29	3.72	4.16	4.39	5.26	6.14	6.80	8.34
75-10-21/2		3.37	3.82	4.27	4.50	5.40	6.30	6 97	8.55
75–10		3.47	3.93	1	4.62	5.55	6.47	7.17	8.79
75-71/2	3.24	3.47	3.94	4.40		5.56	6.48	7.18	8.79
75-5-21/2		3.56	4.04	4.51	4.75	5.70	6.65	7.36	9.02
75-5	3.41	3.66	4.14	4.63		5.85	6.82	7.56	9.26
75-21/2	0 =0		4.25		5.00	6.00	7.00	7.75	9.50
75	. 3.50	3.75		4.85	5.10	6.12	7.14	7.91	9.69
70-15	$ \frac{3.57}{2.57} $	3.83	4.34			6.12	7.14	7.91	9.69
60-25-15	3.57	3.83	4.34	1		6.30	7.35	8.14	9.97
70-12½	. 3.67	3.94	4.46			6.30	7.35	8.14	9.97
60-25-121/2		3.94	4.46				7,56	8.37	10.26
70-10	. 3.78	4.05	4.59				7.56	8.37	10.26
60-25-10	. 3.78	4.05	4.59					8.60	10.54
70-7½	. 3.88	4.16	4.72	5.27	5.55	6.66		8.83	
70–5	, 3.99	4.27	4.84						
60-25-5	. 73.99	4.27	4.84						11.11
70-21/4	. 4.09								
60-25-21/2	. 4.09								
70	. 4.20								
60-20-5	. 4.26	4.56							
60-221/2	. 4.34	4.65	5.27	5.89					
60-20-21/2	. 4.37	4.68			6.24				
60-20			5.44	6.08	6.40				
60-171/2	4.62			6.27			1		
60–15	4.76				6.80	8.16			
60-121/2				6,6		8.40	9.80	10.85	
60-10-21/2						8.42	9.8		
60-10								3 11.16	3 13.68
60-71/2				9 7.03	3 7,40		3 10.36	3 11.4	7 14.06
60-5	W 000			6 7.2	2 7.60		2 10.6	1 11.78	3 14.44
				3 7.4	1 7.8				9 14.82
60-21/2				_					
60	0.00	1,0,00	, 1 0.0	1.0	- 10.0	, ,,,,,			

DISCOUNT SHEET.

GALVANIZED LAP JOINT GUTTER.

Net Prices per 100 feet on each size at Various Discounts.

									1
SIZE.	3 in.	3½ in.	4 in,	41/2 in.	5 in.	6 in.	7 in.	8 in.	10 in.
SIZE.	per 100 ft.	per 100'ft.	per 100 ft.	per 190 ft.	per 100 ft.				
TIOM							100 ft.	100 ft.	100 ft.
LIST.	\$13.00	\$14.00	\$16.00	\$18.00	\$19.00	\$23.00	\$27.00	\$30 00	\$37.00
00.05.5									
80-25-5 per cent	\$1.85	\$1.99	\$2.28	\$2.56	\$2.71	\$3.28	\$3.85	\$4.27	\$5.27
85–5	1.85	1.99	2.28	2.56	2.71	3.28	3.85	4.27	5.27
80-10-10-10	1.90	2.04	2.33	2.63	2.77	3.36	3.93	4.37	5.39
80-20-5-21/2	1.93	2.08	2.37	2.67	2.82	3.41	4.00	4.45	5.48
80-25	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
85	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
80-20-5	1.98	2.13	2.43	2.74	2.89	3.50	4.10	4.56	5.62
80-10-10-5	2.00	2.16	2.46	2.77	2.93	3.56	4.15		
80-10-10-21/2	2.06	2.21	2.53	2.85	3.00	3.64	4.16	4.62	5.69
80.90	2.08	2.24	2.56	2.88				4.74	5.84
80-20		2.27			3.04	3.68	4.32	4.80	5.92
80-10-10	$2.11 \\ 2.16$		2.59	2.92	3.08	3.73	4.37	4.86	5.99
80-10-5-21/2		2.33	2.67	3.00	3.17	3.83	4.50	5.00	6.17
80–10–5	2.22	2.39	2.74	3.08	3.25	3.93	4.62	5.13	6.33
80-10-2½	2.27	2.46	2.81	3.16	3.33	4.04	4.74	5.26	6.49
80–10	2.34	2.52	2.88	3.24	3.42	4.14	4.86	5.40	6.66
80-5-2½	2.41	2.59	2.96	3.33	3.52	4.26	5.00	5.56	6.85
80–5	2.47	2.66	3.04	3.42	3.61	4.37	5.13	5.70	7.03
80-21/2	2.53	2.73	3.12	3.51	3.70	4.48	5.26	5.85	7.21
80	2.60	2.80	3.20	3.60	3.80	4.60	5.40	6.00	7.40
75–10–10	2.63	2.83	3.24	3.64	3.84	4.65	5.46	6.07	7.49
75-10-5-2½	2.70	2.92	3.33	3.75	3.96	4.79	5.63	6.25	7.70
75–15	2.76	2.98	3.40	3.83	4.04	4.89	5.74	6.38	7.86
75–10–5	2.77	2.99	3.42	3.85	4.06	4.91	5.77	6.41	7.90
75-121/2	2.84	3.06	3.50	3.94	4.16	5.03	5.91	6.56	8.09
75-10-21/2	2.85	3.07	3.51	3.95	4.16	5.04	5.92	6.58	8.11
75–10	2.92	3.15	3.60	4.05	4.27	5.17	6.07	6.75	8.32
75–71/3	3.01	3.24	3.70	4.16	4.39	5.32	6.24	6.94	8.56
75-5-21/2	3.01	3.24	3.70	4.16	4.40	5.32	6.25	6.95	8.57
75-5	3.09	3.32	3.80	4.27	4.51	5.46	6.41	7.12	
	3.17	3.41	3.90	4.39	4.63	5.61		7.31	8.79
75-21/2	3.25	3.50	4.00	4.50	4.75	5.75	6.58		9.02
75							6.75	7.50	9.25
70-15	3.31	3.57	4.08	4.59.	4.85	5.87	6.89	7.65	9.44
60-25-15	3.32	3.57	4.08	4.59	4.85	5.87	6.89	7.65	9.44
70-12½	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
60-25-121/2	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
70–10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
60-25-10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
70-7½	3.61	3.88	4.44	4.99	5.27	6 38	7.49		10.27
70-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69		10.54
60-25-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69		10.54
70-21/2	3.80	4.09	4.68	5.26	5.56	6.73	7.90		10.82
60-25-21/2	3.80	4.09	4.68	5.26	5.56	6.73	7.90	8.77	10.82
70	3.90	4.20	4.80	5.40	5.70	6.90	8.10	9.00	11.10
60-20-5	3.95	4.26	4.86	5.47	5.78	6.99	8.21		11.25
60-221/2	4.03	4.34	4.96	5,58	5.89	7.13	8.37		11.47
60-20-21/2	4.06	4.37	4.99	5.62	5.93	7.18	8.42		11.54
60-20	4.16	4.48	5.12	5.76	6.08	7.36	8.64		11.84
60-17½	4.29	4.62	5.28	5.94	6.27	7.59	8.91		12.21
60-15	4.42	4.76	5.44	6.12	6.46	7.82	9.18		12.58
60-15 60-12 ¹ / ₂	4.55	4.90	5.60	6.30	6.65	8.05			12.95
60-10-2½	4.56	4.91	5.62	6.32	6.67	8.07			12.99
ch 10	4.68	5.04	5.76	6.48	6.84	8.28			13.32
60–10	4.81	5.18	5.92	6.66	7.03	8.51			
60-7½	4.94				7.22				13.69
60-5		5.32	6.08	6.84					14.06
60-21/2	5.07	5.46	6.24	7.02	7.41				14.43
60	5.20	5.60	6.40	7.20	7.60	9.20	10.80	12.00	14.80
~			-			-			

Mitres==Single Bead.





Outside Corner Mitre.

Inside Corner Mitre.

These Mitres are Made Complete, Ready for Use, for both Inside and Outside Bead, either Slip or Lap Joint.

PRICE LIST.

	Galv	vanized Iron.			
		Slip Joint.	Lap Joint.	IX Terne.	
3		Dozen, \$2.75	\$2.25	Slip Joint. Lap Join	t.
31/2	писи	3.00	2.50	3½ inchPer Dozen, \$2.50 \$2.0	0
4	inch '	3.25	2.75	4 inch " 2.75 2.2	25
41/2	inch '	3.50	3.00	4½ inch " 2.90 2.5	
5	inch '	3.50	3.00	5 inch " 3.25 2.1	
6	IIICH	" 4.00	3.50	o inchi	
7	inch '	4.75	4.25	6 inch " 3.50 3.0	,0
8	inch	" 5.50	5.00		

When ordering Slip Joint Mitres, state whether right or left hand is wanted, and whether for "Inside" or "Outside" Corner; otherwise half rights and half lefts, and half "Inside" and half "Outside" Corner Mitres will be supplied.

NOTE-For Double Bead Mitres, add 50 cents per dozen to above list.

Eaves Trough Ends and Drops.



No. 936.

A represents a 12-inch section of Trough, with Drop (B) soldered on, and the end closed with our Slip Joint End Cap (C).

B represents a Drop or Outlet.

C represents our Slip Joint End Cap, which requires no solder. May be used right or left.

	3 1		

	Size.	Si	A. End Pieces ip or Lap Complete.		B. Drops Only	C. Ends only. Slip or Lap.
2	in	Per Dozei	n, \$		\$0.60	\$
21/9	in	4.4			.65	
3	in	4.4			. 75	
	in	4.6	2.80		.80	.95
4	in	6.6	3.10		.85	1.10
5	in	6.6	3.45	-	.95	1.20
6	in	6.6	4.15		1.20	1.45
7	in	66	4.70			1.70
8	in	66	5.25			2.10

For Double Bead A End Pieces add 50 cents per dozen to above list.

Discount......Per Cent.

Kuehn's Combination Roof Gutter.

The following illustrations show a-Stop Gutter and Cornice combined, the most ornamental and effective production ever offered.

We make this Gutter of the best quality No. 28 gauge Galvanized Iron, in 10 foot lengths.

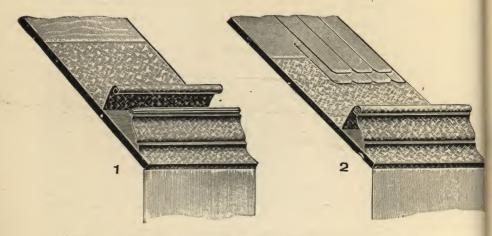


Fig. 1 shows Face Moulding to which Gutter is to be attached. Fig. 2 shows Face Moulding and Gutter locked together and in position.

Explanation of Sizes.

18 in. Girt; Face Apron, 1¼ in.; Depth, 2% in.; Gutter Apron, 8 in. 20 in. Girt; Face Apron, 1¾ in.; Depth, 2¾ in.; Gutter Apron, 8¾ in. 24 in. Girt; Face Apron, 3 in.; Depth, 3½ in.; Gutter Apron, 12 in. 28 in. Girt; Face Apron, 5 in.; Depth, 3½ in.; Gutter Apron, 12 in. To give the required fall, draw the Gutter Apron up the roof.

PRICE LIST.

Combination Roof Gutter.

18	inch	GirtPer	foot,	\$0.20
		Girt	66	.22
24	inch	Girt	6.5	. 25
28	inch	Girt	6.6	.30
30	inch	Girt	64	.35

Combination Porch Gutter.

10	inch	GirtP	er foot.	\$0.12
12	inch	Girt	44	.15
15	inch	Girt	46	.18

Discount.....Per Cent.

Cornice and Secret Gutter Combined. With Solid Bottom and Fascia Riveted.

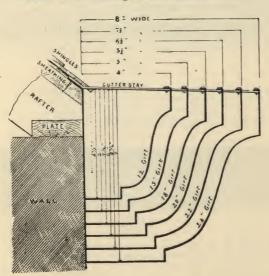


Style AA.



The dotted line shows the false bottom with an incline to carry the water. Galvanized bracket supports furnished when specified in the order. Prices quoted on receipt of specifications, showing whether brackets and ornaments are wanted, and the distance and direction water is to be carried.

Flat Back Hanging Gutters. Made of 28 Gauge Galvanized Iron.



Back of Gutters are made same height as front unless otherwise ordered. For higher backs add 2 cents per foot to list prices for each additional inch added to back.

The above cut explains size, depth and girt of gutter. It also shows how it is applied to a pitched roof. The top is furnished with a strong bead, as are all others shown on pages 15 and 16.

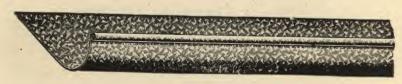
Plain Roof Gutters.

Made in 8 Foot Lengths, of No. 28 Gauge Galvanized Iron.

The following engravings show two styles, "A" and "B," Roof Gutters. The hangers are applied in such a manner as to leave no exposed nail or screw heads, (as cuts readily show); therefore, there can be no leaks from splitting or nail holes, as in the old style way with wood fronts and wood brackets.

These Gutters are by far the best produced, and are sold at such prices that make them as cheap as those made of wood, lined with tin.





Style A.



Style B.

Cut of 15 inch sheet, % or ¾ bead, complete, galvanized	Per foot \$0 37
Out of 20 inch sheet, % or % bead, complete, galvanized.	Per foot 50
Cut of 24 inch sheet, % or % bead, complete, galvanized	Per foot 60
For heavier Gauges than No. 28, add the following adva	nces to No 28 list:
For No. 27, 2 cents; No. 26, 4 cents per foot.	2000 10 110. 20 1131.

Heavier Gauges quoted on application.

Discoun	t								T	Por	Cont
TO CO CELL		۰	0 1	 w	۰			۰		GT.	cent.

Hangers	for	above	Trough	Each,	net.	\$0.05
---------	-----	-------	--------	-------	------	--------

Quarter Circle, O. G. and Box Gutter.

Made in 8 Foot Lengths, of No. 28 Gauge Galvanized Iron.

BACK OF TROUGH SAME HEIGHT AS BEAD SIDE.

For high backs ADD TWO AND ONE-HALF CENTS per foot to List Prices for each additional inch added to back.

PRICE LIST.



Style C.

Size	5 inches	6	inches	7	inches.
Denth	3¼ inches	41/4	inches		inches.
Girt 15	2 inches	14	inches	16	inches.
Galvanized\$0.3	0 per ft\$	0.35	per ft\$0.	.40	per ft.



Style D.

Size	6	inches	7	inches	8	inches.
Denth	4	inches	5	inches	5%	inches.
Girt	15	inches	1.8	inches	20	inches.
Galvanized\$0	.37	per ft\$0.4	45	per ft\$0.	50	per ft.



Style E.

Size	6	inches	7	inches	8	inches.
Denth	41/2	inches				inches.
Girt	15	inches	18	inches	22	inches.
Galvanized\$0.	37	per ft\$0.	. 45	per ft\$0.	55	per ft.

For heavier Gauges than No. 28, made from 8 foot length sheets, add the following advances to No. 28 list: For No. 27, 2 cents; No. 26, 4 cents per foot.

Heavier Gauges quoted on application.

Quarter Circle, O. G. and Box Gutter.



Style F.

Size	6	inches	3	inches	8	inches.
Depth	51/2	inches	53/4	inches	6	inches.
Girt 1						
Galvanized\$0.4	15	per ft\$0.	50	per ft\$0.	55	per ft.



Style G.

Size	6	inches	7	inches	8	inches.
Depth	53/4	inches	61/2	inches	7	inches.
Girt	18	inches	20	inches	22	inches.
Galvanized\$0	.45	per ft\$0.	50	per ft\$0.	55	per ft.



Style H.

Size	6	inches	7	inches	8	inches.
Depth	41/2	inches	43/4	inches	51/2	inches.
. Girt						
Galvanized\$0	.37	per ft\$0	.50	per ft\$0	. 55	per ft.



Style J.

Size 6	inches	7	inches	9	inches.
Depth 53	inches	61/2	inches	8	inches.
Girt 18	inches	20	inches	24	inches.
Galvanized\$0.54	per ft\$	0.60	per ft\$0.	72	per ft.
	Discount	Pe	er Cent.		

Prices on Copper Gutters quoted on application; state quantity and size.

Valleys=In Rolls.

Made from 10 foot seamless Terne Tin and Galvanized Iron.



Furnished in Rolls of 50 Lineal Feet.

PRICE LIST-Per Lineal Foot.

	I	C Terne.	IX Terne.	Galvanized.
10	inch	\$0.10	\$0.111/2	\$0.121/2
14	inch	.14	.16	.17½
20	inch	. 20	$.22\frac{1}{2}$. 25
24	inch	24	. 27	.30
28	inch	. 28	.31½	.35
30	inch	.30	.34	.371/2

All Valleys are double locked and soldered on one side, unless otherwise ordered. We always ship our Valleys unpainted, unless otherwise ordered. For painted Valleys, add 15 cents per Roll of 50 feet.

Valleys=In Sheets.



Made from 8 foot seamless Terne Tin and Galvanized Iron.

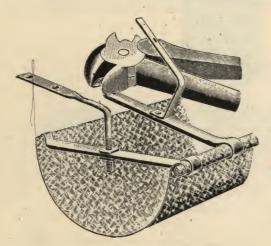
PRICE LIST-Per Lineal Foot.

-	IC Terne.	IX Terne.	Galvanized.
10 inch	.\$0.10	\$0.111/2	\$0.121/2
12 inch	12	.14	.15
14 inch	14	.16	.171/2
20 inch	20	. 22,1/2	.25
24 inch	24	. 27	.30
28 inch	28	$.31\frac{1}{2}$. 35
30 inch	30	.34	371/2

Discount: { IC and IX Terne.....per cent. Galvanizedper cent.

Adjustable Steel Eaves Trough Hanger.

The Greatest Labor-Saving Hanger Made.



No Soldering Required.

Four Pounds of Solder and Onehalf Day's Labor Saved on Every Gross of our Hangers.

Ice Cannot Affect Them.

They Serve Both as a Brace and a Hanger.

Unequaled in their Strength.

TRADE PRICE LIST.

With Rods and Nuts Complete.

inchP			inchPer inchPer		
inchP		7	inchPer inchPer	gross,	6.00

With Straps Riveted on Cross Bars Complete.

3½	inchPer inchPer inchPer inchPer	gross, 3.5 gross, 3.7	7 8	inchinchinch	Per gross,	5.50
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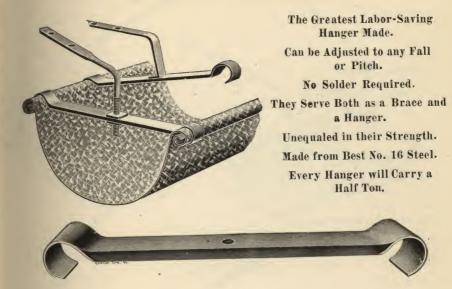
Tongs to apply Hangers Each,	\$0.40
Hanger Rod BenderEach,	.75

Discount.....Per Cent.

N. B.—Sizes taken inside of bead. If not otherwise specified we send ½ inch Bead for all sizes, except 7 inch and 8 inch Hangers, which will be ½ inch bead. Hangers always sent with rods, unless otherwise ordered.

Double Bead

Adjustable Eaves Trough Hanger.



PRICE LIST.

With Rods and Nuts Complete.

31/2	inch. Per inch. Per inch. Per inch. Per	gross, gross,	4.25	6 7	inch	gross, gross,	$5.25 \\ 6.25$
------	---	---------------	------	-----	------	------------------	----------------

With Straps Riveted to Crossbars Complete.

31/2	inchPer inchPer inchPer	gross,	3.75	5	inchinch	Per	gross,	4.25
To:	ngs to apply Hangers						. Each, . Each,	\$0.40 .75

Discount......Per Cent.

N. B.—Sizes taken inside of bead. If not otherwise specified we send ½ inch Bead for all sizes, except 7 inch and 8 inch Hangers, which will be ½ inch bead. Hangers always sent with rods, unless otherwise ordered.

"Eclipse" Wire Eaves Trough Hanger.

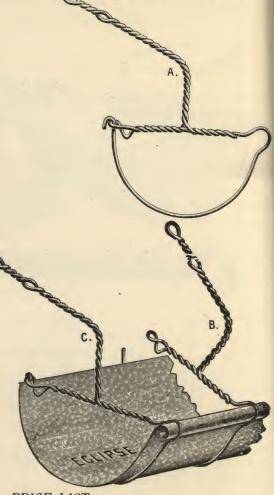
Simple, Substantial, Neat, Durable, Cheap.

It is made of best Galvanized Steel Wire; can be quickly and easily adjusted to trough and is the only Wire Hanger forming a complete Brace as well as Hanger, thus holding the trough to shape as well as place.

"A" shows complete Hanger.

"B" shows Hanger as applied to trough.

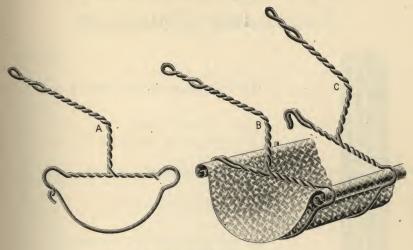
"C" shows how to apply Hanger.



PRICE LIST.

3	inchPer	gross. \$	2.00
31/2	inchPer	gross.	2 25
4	InchPer	gross.	2.50
4 1/2	inchPer	gross,	2.75
6	inchPer	gross,	3.00
7	inch. Per inch. Per	gross,	3.50
8	inchPer	gross,	4.50
	D'	STUDD,	T. 00

Double Bead Wire Eaves Trough Hanger.



- A shows complete Hanger.
 B shows Hanger as applied to trough.
 C shows how to apply Hanger.

PRICE LIST.

2.50
2.75
3.00
3.25
3.75
4.25
4.75
2 2 3 3

Discount...... per cent. N. B.—All Hangers sent with $\frac{1}{2}$ inch beads except 7 and 8 inch size, which will be $\frac{5}{6}$ inch bead, unless otherwise ordered.



Galvanized Wire Conductor Strainers.

PRICE LIST.

2	inches	diameterPer	dozen,	\$1.50
3	inches	diameterPer	dozen,	2.00
4	inches	diameterPer	dozen,	3.00
5	inches	diameterPer	dozen,	3.50
6	inches	diameterPer	dozen,	4.00

Discount......Per Cent.

Ten (10) Feet Long, Without a Cross Seam.

Kuehn's Corrugated Round Expanding Conductor.

Will Not Burst When Full of Ice.

The Longest Single Piece, Corrugated Pipe Made.

Each Length a Perfect Straight Piece.

Sold Strictly on its Merits.

ROUND EXPANDING CONDUCTOR.

Packed in Skeleton Crates. All sizes from 2 to 6 inches can be nested in one Crate.

		No. 2	8 Gauge	Galvanized.	14 and 16 oz. Copper 8 feet long
			10 feet	long.	8 feet long
2	inch	. Per	foot,	\$0.13	\$0.40
3	inch		6.6	.15	
4	inch		4.4	. 20	
5	inch		66	. 25	
6	inch		4.6	.30	1.00
7	inch		44	.35	
8	inch		6.6	.40	
9	inch		4.4	. 45	
10	inch		4.6	.50	

Heavy Gauge Round Corrugated Conductor.

For No. 27 Gauge, add 2cts. per foot to List Price of No. 28 Gauge.

For No. 26 Gauge, add 4 cts. per foot to List Price of No. 28 Gauge.

Heavier Gauges quoted on Application.

Discount.

Galvanized	
14 oz. Copper	
16 oz Copper	

Kuehn's Corrugated Square Expanding Conductor.

Our Square Pipe is made in ten (10) foot lengths without a cross seam.

Each Length a Perfect Straight Piece.

Square Expanding Conductor. Packed in Skeleton Crates.

16 oz Copper.....

Plain Round Ten Foot Lock=Seam Pipe.

____FOR____

LEADER OR

CONDUCTOR SPOUTS,

VENTILATING,

HEATING BLAST,

HOT AIR AND

BLOWER PIPE,

And for all classes of work where STRENGTH and DURABILITY are desired. It is ROUNDER, STIFFER and more DURABLE than any other, and therefore UNEQUALED for use in VENTILATION by Plumbers and others.

Each Length is a Single Perfect Piece.

Packed in skeleton crates. All sizes, 2 to 6 inches, can be nested in one crate.

Diamete	r. No. 28 Galvanized Per Foot. 10 ft. Long.	IX Terne. Per Foot. 10 ft. Long.	IC Terne. Per Foot. 10 ft. Long.	14 & 16 oz. Copper. Per Foot. 8 ft. Long.
11/2 inc	eh\$0.13	\$0.111/2	\$0.10	\$0.40
2 inc	eh	.111/2	.10	.40
21/2 inc	eh	.14	.121/2	.50
	h	.14	.121/2	.50
31/2 inc	eh	.171/2	.16	. 65
	h	.171/2	.16	. 65
5 inc	h 25	. 221/2	.201/2	. 85
	h30	. 271/2	.25	1.00

Discounts.

Galvanized	.Per	Cent
IX Terne	.Per	Cent
IC Terne	.Per	Cent
14 oz. Copper	. Per	Cent
16 oz. Copper	.Per	Cent

Prices quoted on application on larger sizes.

DISCOUNT SHEET.

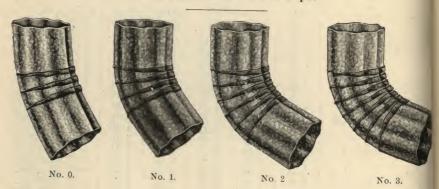
GALVANIZED CONDUCTOR PIPE.

Using Plain Round and Round Corrugated Lists. Showing Net Prices per 100 on Each Size at Various Discounts.

- Showing reserving	oco po.						
SIZE.	2 inch per 100 ft.	2½ inch per 100 ft	3 inch. per 100 ft.	3½ inch per 100 ft.	4 inch per 100 ft.	5 inch per 100 ft.	6 inch per 100 ft.
LIST.	\$13.00	\$15.00	\$15.00	\$20.00	\$20.00	\$25.00	\$30.00
80-25-5 per cent	\$1.85	\$2.14	\$2.14	\$2.85	\$2.85	\$3.56	\$4.27
85–5	1.85.	2.14	2.14	2.85	2.85	3.56	4.27
80-10-10-10	1.90	2.19	2.19	2.92	2.92	3.64	4.37
80-20-5-21/2	1.93	2.22 2.25	2.22	2.96 3.00	2.96 3.00	3.70 3.75	4.45
80-25, 85	1.95 1.95	2.25	2.25	3.00	3.00	3.75	4.50
80–20–5	1.98	2.28	2.28	3.04	3.04	3.80	4.56
80-10-10-5	2.00	2.31	2.31	3.08	3.08	3.85	4.62
80-10-10-2½	2.06	2.37	2.37	3.16	3.16	3.95	4.74
80-20	2.08	2.40	2.40	-3.20	3.20	4.00	4.80
80-10-10	2.11 2.16	2.43	2.43	3.24	3.24	4.05	5.00
80-10-5-2½ 80-10-5		2.56	2.56	3.42	3.42	4.27	5.13
80-10-21/2	2.27	2.63	2.63	3.51	3.51	4.39	5.26
80–10		2.70	2.70	3.60	3.60	4.50	5.40
80-5-2½	2.41	2.78	2.78	3.70	3.70	4.63	5.56
80-5		2.85	2.85	3.80	3.80	4.75	5.70
80-21/2	2.53	3.00	2.92 3.00	3.90	3.90	4.87 5.00	5.85
80 75–10–10	2.63	3.03	3.03	4.05	4.05	5.06	6.07
75–10–5–2½	2.70	3.12	3.12	4.16	4.16	5.21	6.25
75–15	2.76	3.19	3.19	4.25	4.25	5.31	6.38
75–10–5	2.77	3.20	3.20	4.27	4.27	5.34	6.41
75-121/2	2.84	3.28	3.28	4.37	4.37	5.47	6.56
75–10–21/2	2.85	3.29	3.29	4.39	4.39	5.48	6.75
75–10	3.01	3.47	3.47	4.62	4.62	5.78	6.94
75-7½	3.01	3.47	3.47	4.63	4.63	5.79	6.94
75–5	3.09	3.56	3.56	4.75		5.94	7.12
75-21/2	3.17	3.66	3.66	4.87	4.87	6.09	7.31
75		3.75	3.75	5.00	5.00	6.25	7.50
70–15		3.83	3.83	5.10	5.10	6.38	7.65
70–12½	3.41	3.94	3.94	5.25	5.25	6.56	7.87
60-25-121/2	3.41	3.94	3.94	5.25	5.25	6.56	7.87
70–10	3.51	4.05	4.05	5.40	5.40	6.75	8.10
60-25-10		4.05	4.05	5 40 5.55	5.40	6.75	8.10 8.32
70–7½ 70–5		4.16	4.16	5.70	5.70	7.12	8.55
60-25-5.		4.27	4.27	5.70	5.70	7.12	8.55
70-21/2		4.39	4.39	5.85	5,85	7.31	8.77
60-25-2½	3.80	4.39	4.39	5.85	5.85	7.31	8.77
70		4.50	4.50	6.00	6.00	7.50	9.00
60-20-5	3.95	4.56	4.56	6.08	6.08	7.60	9.30
60-22½ 60-20-2½	4.06	4.68	4.68	6.24	6.24	7.80	9.36
60-20	4.16	4.80	4.80	6.40	6.40	8.00	9.60
60-17½	. 4.29	4.95	4.95	6.60	6.60	8.25	9.90
60-15		5.10	5.10	6.80	6.80	8.50	10.20
60–121/2	4.55	5.25	5.25 5.26	7.00	7.00	8.75	10.50
60-10-2½ 60-10	4.68	5.40	5.40	7.20	7.20	9.00	10.80
60-71/2		5.55	5.55	7.40	7.40	9.25	11.10
60–5	. 4.94	5.70	5.70	7.60	7.60	9.50	11.40
60-21/2		5.85	5.85	7.80	7.80	9.75	11.70
60	. 5.20	6.00	6.00	8.00	8.00	1 10.00	12.00

Flat Crimp Expanding Elbows.

Expand WITHOUT BREAKING. The corrugations run parallel Th ENTIRE LENGTH and MAKE THE CURVES IN UNISON with the Pipe.





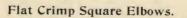
Flat Crimp Round Corrugated Expanding
Elbows,

PRICE LIST.

		ELBO	SHOES				
		Each. F	er Doz.	Each. F	er Doz.		
2	in	.\$0.25	\$3.00	\$0.30	\$3.60		
3	in	30	3.60	.36	4.32		
			4.80				
5	in	50	6.00	.60	7.20		
3	in	60	7.20	.72	8.64		

Made in Nos. 0, 1, 2, 3, 4.

Discount......Per Cent.





No. 3.

Style A. Ordinary Curve.

PRICE	LIST.
-------	-------

		Eac	ch.	Per I	Doż	. Ea	ch.	Per	Doz.
			ELI	BOWS.			SHO	DES.	
2	in.	\$0.	.30	\$3.	60	\$0.	40	\$	4.80
3	in.		.36	4.	.32		48		5.76
4	in.		.48	5.	76		60		7.20
5	in.		. 60	7.	20		72		8.64
6	in		.72	8.	64		84	1	0.03

Made in Nos. 0, 1, 2, 3, 4.

Discount......Per Cent.



No 4.

No. 3. Style B. Side Curve.

By combination of Styles A and B, a square conductor can be made to turn the corner of a building as readily as the round conductor.

No. 0

Plain Round Conductor Pipe Elbows.



No, 2.







Flat Crimp ROUND Elbows and Shoes.

PRICE LIST.

Galvanized.	
-------------	--

-			
	ч	n	
	д		

		ELBOWS.		SHOES.		ELE	ows.	SHOES		
		Each.	Per Doz.	Each.	Per Poz.	Each.	Per Doz.	Each. P	er Doz.	
2	inch	 .\$0.25	\$ 3.00	.\$0.30	\$3.60		\$ 2.40			
21/2	44	 27	3.24	32	3.84	.22	2.64	.27	3.24	
3	6.6	 30	3.60	36	4.32	. 25	3.00	.30	3.60	
31/2	6.5	 35	4.20	42	5.04	.30	3.60	.35	4.20	
4	6.6	 40	4.80	48	5.76	.35	4.20	.40	4.80	
			6.00	60	7.20	.42	5.04	.50	6.00	
6	6.6	 60	7.20	72	8.64	.50	6.00	.60	7.20	
8	6.6	 . 1.75	21.00			1.40	16.80			

Made in Nos. 0, 1, 2, 3 4.

Discount......Per Cent.

Cold Rolled Flat Crimp COPPER ELBOWS AND SHOES.

PRICE LIST.

Round Corrugated.

Square Corrugated.

		Nos 2, 3.	SHOES EACH.				Nos. 2, 3	SHOES EACH.
2 inch	\$0.70	\$0.80	\$0.90	2	inch	\$0.80	\$0.90	\$1.00
3 inch	90	1.00	1.10			1.00	1.10	1.20
4 inch	1.20	1.30	1.40	4	inch	1.30	1.40	1.60
5 inch	1.50	1.70	1.90	5	inch	1.70	1.90	2.50
6 inch	1.90	2.20	2.50					

Discount: 12 oz...... per cent. 14 oz...... per cent. 16 oz...... per cent.



Galvanized Tubing.

For all Kinds of Small Drainage:

Refrigerators,

Porticos, Etc.

Licos, Lice.

1/	inch.	 	 	per		
1/4	inch.	 	 	"	66	.09
	inah					

Tubing Elbows.

Patented.

Made of one piece, no joints to come apart.

For Speaking Tubes, Refrigerators, Porticos, Etc.



No. 1



No. 2.



Galvanized after Formation.

No. 3.

PRICE LIST.

1 inch, 1¼ " 1½ "	Galvanizedeac	h, \$0.15 .18 .20	11/4 "	Tin	. 66	\$0.10 .15 .18
	Prices of	Copper Elb	ows on Anr	lication		

Discount......Per Cent.



Spiral Lock=Seam Pipe.

Diameter.	Per Foot.	
1½ inch	\$0.1	2
2 inch	1	4
2½ inch	. 1	7
3 inch	. 1	0
4 inch	9	5
5 Inch	2	n
5½ inch	3	4
6 inch	3	8
Discount Per Cent		

Prices quoted on Application for this Pipe made of other Sheet Metals.

Standard Speaking=Tubes.

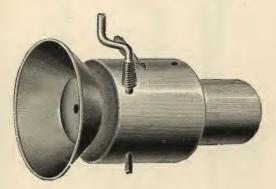
Made of Bright Tin.

PRICE LIST.

1	inch			.Per	Foot,	\$0.03
1	inch, Sq	quare E	lbows	Per	Dozen,	.60
1	inch, St	tamped	Elbows	Per	Dozen,	.90

Discount......Per Cent.

Speaking=Tube Whistles.



PRICE LIST.



With Indicator,	PlainPer	Dozen,	\$4.00
With Indicator,	PorcelainPer	Dozen,	4.50
With Indicator,	NickeledPer	Dozen,	7.00

Discount......Per Cent.

Conductor Hooks.

Tinned for Brick and Wood.



PRICE LIST.

	-			
			Wood.	Brick.
2	inch, per	100	\$1.00	\$1.75
21/2	inch, per	100	1.50	2.00
3	inch, per	100	2.00	2.75
31/2	inch, per	100	2.50	3.50
4	inch, per	100	3.00	4.25
5	inch, per	100	4.00	6.00
6	inch, per	100	5.00	7.50

Discount......Per Cent.



Never-Slip Conductor Hooks.



Malleable

Iron

Tinned.



PRICE LIST.

				M	lood.	Bric	k.
2	inch,	per	100	\$	1.00	\$1.	75
21/2	inch,	per	100		1.50	2.	00
3	inch,	per	100		2.00	2.	75
31/2	inch,	per	100		2.50	3.	50
4	inch,	per	100		3.00	4.	25
5	inch,	per	100		4.00	6.	00
6	inch,	per	100		5.00	7.	50

Packed neatly in boxes containing 50 hooks.

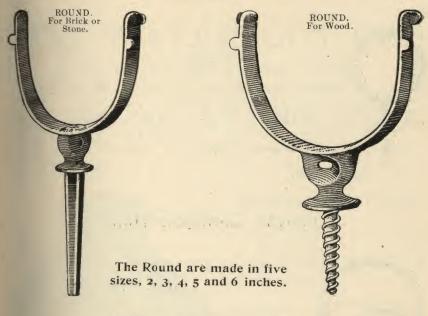
Discount......Per Cent.

In ordering books for 2 inch round corrugated conductor, always specify 2½ inch, for that size pipe measures 2% inches in diameter.

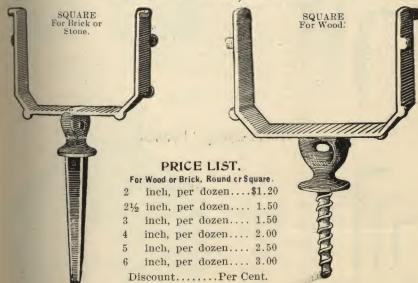
The plain round pipe requires the regular 2 inch hooks.

HALF-ROUND AND

Square Conductor Fasteners.



Malleable Iron, Tinned.



The Square are made in four sizes, 2, 3, 4 and 5 inches.

Corrugated Hinged Hooks.



Tinned.

				Wood:	Brick.
2	inch,	per	100,	net\$3.00	\$3.50
3	inch,	per	100,	net 4.00	4.50
4	inch,	per	100,	net 5.00	5.50
5	inch,	per	100,	net 6.00	6.50



Wrought Conductor Hooks.



PRICE LIST.

									F	or	Brick
2	inch,	tinned,	per	100.	 					.\$	6.0
3	inch,	tinned,	per	100.	 						7.8
4	inch,	tinned,	per	100.	 						11.0
5	inch,	tinned,	per	100.	 						12.
6	inch,	tinned,	per	100	 						13.0
7	inch,	tinned,	per	100.	 						14.(
8	inch,	tinned,	per	100.	 						15.0
		Dis	cour	nt	 	F	er (Cent			

Flashing Hooks.



PRICE LIST.

11/2	inch, tinned,	per	100,	, net\$0.
21/2	inch, tinned,	per	100,	, net
31/2	inch, tinned,	per	100,	, net 1.
51/2	inch, tinned,	per	100,	, net 1.
N.	The large	Size	is s	suitable for Square Conductor Pine.

Wrought Iron, 2½ inch, not tinned, per 100, net.....\$1.

"KUEHN'S"

(Patented)

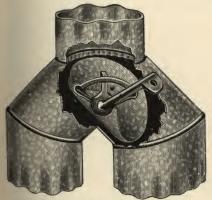
RAIN WATER CUT-OFF

THE STRONGEST AND BEST RAIN WATER CUT-OFF EVER PLACED ON THE MARKET.

DURABLE, SIMPLE AND CHEAP.

The Only Cut-Off Made to Fit Both Corrugated and Plain Pipe.

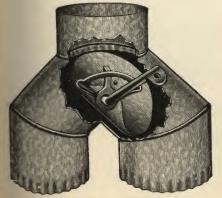
Style A.



For Corrugated Conductor.

Patented Nov. 14, 1899.

Style B.



For Plain Pipe.

. 00

PRICE LIST.

Galvanized. Styles A and B.

2	in.,	per	dozen\$ 7.00
3	in.,	per	dozen 8.00
4	in.,.	per	dozen 11.00
5	in.,	per	dozen 20.00
6	in	per	dozen 24.00

Discount......Per Cent.

TIN. Style B.

2	in	per	dozen\$	4.80
21/2			dozen	
			dozen	
			dozen	
4	in.,	per	dozen	9.00
			dozen 1	
6	in.,	per	dozen 2	0.00

Discount......Per Cent.

Each size up to 5-inch packed in crates of one dozen. Crates of 5 and 6-inch contain one-half dozen each. No charge for crates.

Price on Copper Cut-Offs Furnished Upon Application.

Centennial Rain Water Cut=Off.

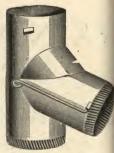
Can be Used in Any Position Without Extra Pipe.



Right Hand Wire.



Sectional View.

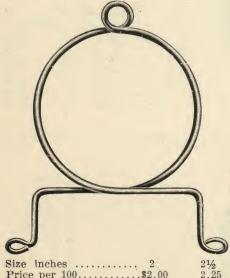


Left Hand Wire.

Put up in crates of one dozen each (assorted right and left hand wires), so they may be used in any position without extra pipe or elbows.

3	inch,	per	dozen Tin. Galvanized dozen \$ 3.00 \$ 4.80 dozen 3.60 6.00
4	inch,	per	dozen 5.40 8.40 dozen 8.40 10.80
6	inch,	per	dozen
			DiscountPer Cent,

Perfection Wire Conductor Pipe Hanger.



Best Hanger Ever Invented.

Made of Galvanized Steel Wire.

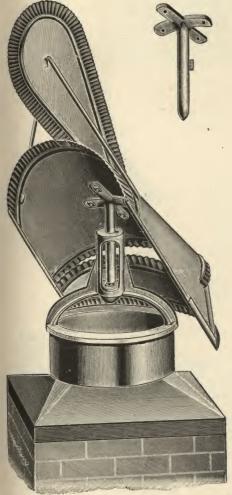
The Hanger can be tightened as desired, by giving the eye a twist. For 2 inch corrugated pipe, 2½ inch hanger required. Other pipe runs uniform.

Size inches 2	21/2	3	4	5	6
Price per 100\$2.0	0 2.25	2.50	3.00	3.50	4.00
Gauge of Wire used 12	12	11	10	9	8

Discount......Per Cent.

Agents for Iwan's Volcano Revolving and Ventilating Chimney Top.

The Best in the World.





Patented.

The improvement of this top consists therein that the hood has an open back, as shown by the cut. At the same time, the chimney is fully protected from rain and snow, and the currents of wind cannot suck downward into it.

But to the contrary, when the wind passes through the sloped opening of the hood, it blows the smoke upward, whereby it creates and assists the draught. The construction of the top is simple, and the improvement very great. Send for a trial order. We guarantee every top to give entire satisfaction.

Top Complete, inches..... 6 7 8 9 10 12 Price, per dozen...... \$24.00 26.00 28.00 32.00 34.00 40.00

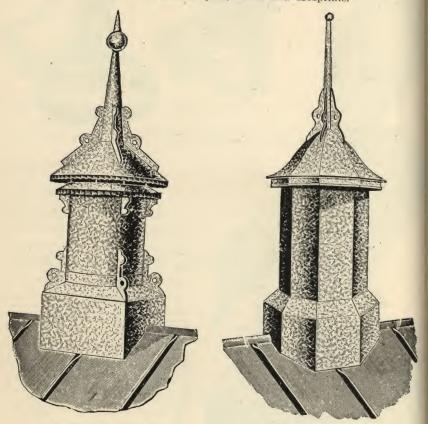
Iron Mountings without Cover.

Discount......Per Cent.

Ventilators.

Cheapest and Best Ventilators Made.

For removing Heat and Odors from Factories, Stables, Paper Mills, Chemica Rooms, Silk, Woolen and Cotton Mills, Foundries, Engine, Round and Gas Houses, Depots, Halls and Hospitals.



Style A. (Round.)

Style B. (Octagon.)

Made of Heavy Galvanized Iron.

PRICE LIST.

No. 0—18 in. Base, 12 in. Drum, 5 ft. high. No. 1—22. in Base, 15 in. Drum, 6½ ft. high. No. 2—28 in. Base, 21 in. Drum, 8½ ft. high. No. 3—35 in. Base, 29 in. Drum, 11 ft. high.	15.00	14.00
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Discount.....Per Cent.

Crates at Cost.

"Apollo" Galvanized Sheets.

Patent Leveled. Absolutely Flat and Free from Buckles. Every Sheet Warranted of Finest Working Quality.



PRICE LIST

Authorized and adopted by the National Association of Galvanized Sheet Manufacturers, July 1, 1893.

	Ounces per	Pounds per	List Price per Lb.	List Price per Sq. Ft.
Gauge.	Square rt.	Square Pt.	00 10	
No 10.	 921/2		\$0.12	
No. 19	 7216		12	
NO. 14.	 1272		19	
No. 14.	 521/2		12	en 9107
No. 16	421/2	2 . 656		pu.bioi
3 10	 2/1/	2 156	13	2802
10. 18.	 0172	1 ere		2152
No. 20.	 26½	1.656		1000
No. 22	 221/2	1.406	14	
30 94	 1814	1.156	14	1618
.10. 24.	 1072	000	15	
No. 26.	 14½	900	15	
No. 27	 131/2	8437	16	1349
N' 00	 1914	7812	17	1328
No. 48.	 1272	CECO	91	1378
No. 30.	 10½	0002		

Standard Sizes.

Gauges Nos. 14 to 30, inclusive; 24, 26, 28, 30 and 36 inches wide by 96 inches long.

Extreme Sizes.

Vos 10 to 20	
Vos. 21 to 24	
Nos 25 to 28	36x 96 inches
Quotations for sheets exceeding th	ne above dimensions in length or width
furnished w	non application.

Additional on Extra Sizes == Extra Widths.

No. 19 and Light	ter. Per Lb.
Less than 24 in	. wide\$0.01
Over 32 in to 36	in., inclusive
Over 36 in to 40	in., inclusive
Over 40 in to 44	in., inclusive
Over 40 in. to 44	in inclusive
Over 44 in. to 48	in., inclusive
Nos. 16.	17 and 18, over 36 inches wide, one-half above extras.

Extra Lengths.

"Apollo" Galvanized Sheets.

Number of Sheets usually packed in bundles:

No. 18.	24 Inch.	26 Inch.	28 Inch.	30 Inch.	36 Inch
No. 20	6	5	5	5	Loose,
No. 22	7	7	6	6	5
No. 24. No. 25.	10	9	8	8	6
No. 26	11	9	8	8	6
No. 27	11	10	9	9	7
No. 28	12	11	10	9	8

SQUARE FEET IN SHEET.

20X90	$11101117 \frac{88}{100}$	Square	feet.	32x96	inch20 inch21 3 3 10 0	Sanana	0
20X90	100118_{100}^{66}	Square	feet.	36x96	inch24	Square	fee

STOCK SIZES.

Sı	ZE.		SIZE.			Size.
No. 16 x 16 x 16 x 16 x 16 x	30 x 96 36 x 96		20 x 24 x 9 20 x 26 x 9 20 x 28 x 9 20 x 30 x 9 20 x 36 x 9 22 x 24 x 9 22 x 26 x 9 22 x 28 x 9 22 x 30 x 9 22 x 36 x 9	6 6 6 6 6 6 6	No.	26 x 24 x 96 26 x 26 x 96 26 x 28 x 96 26 x 30 x 96 26 x 36 x 96 27 x 24 x 96 27 x 26 x 96 27 x 28 x 96 27 x 36 x 96 27 x 36 x 96 27 x 36 x 96 28 x 24 x 96
18 x 18 x	24 x 96 26 x 96 28 x 96 30 x 96 36 x 96	No.	24 x 24 x 9 24 x 26 x 9 24 x 28 x 9 24 x 30 x 9 24 x 36 x 9	6 6 6	No.	28 x 26 x 96 28 x 28 x 96 28 x 30 x 96 28 x 36 x 96 30 x 28 x 96 30 x 30 x 96

ODD SIZES.

SIZE,	Size	Size
No. 10 x 36 x 96 10 x 36 x 120 10 x 48 x 96 10 x 48 x 120 No. 12 x 36 x 96 12 x 36 x 120 12 x 48 x 96 12 x 48 x 120 No. 14 x 30 x 120 14 x 36 x 120 14 x 36 x 120	No. 14 x 42 x 120 14 x 48 x 96 14 x 48 x 120 No. 16 x 30 x 120 16 x 36 x 120 16 x 42 x 96 16 x 42 x 120 16 x 48 x 96 16 x 48 x 120 No. 18 x 30 x 120 18 x 36 x 120	No. 18 x 42 x 96 18 x 42 x 120 18 x 48 x 96 18 x 48 x 120 No. 20 x 30 x 120 20 x 36 x 120 20 x 42 x 96 20 x 42 x 120 20 x 48 x 96 20 x 48 x 120

All Sheet Steel is rolled to U. S. Standard Gauge.

AVERAGE WEIGHTS OF GALVANIZED SHEETS STANDARD SIZES.

Per Sheet and Per Bundle in Pounds.

Tel Sheet and Tel Santa															
GAUGES		14			16			18			20		4	22	
Size of Sheet.	Wt. per Sheet.	Wt. per Bundle	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.
24x 72 26x 72 28x 72 30x 72 36x 72	39.3 42.6 45.9 49.2 59.1	157 171 138 148 177	4 4 3 3 3 3	31.8 34.5 37.2 39.8 47.7	159 138 149 159 143	5 4 4 4 3	25.9 28.0 30.2 32.4 38.9	155 140 151 162 155	6 5 5 4	19.9 21.5 23.2 24.8 29 9	159 151 162 149 149	8 7 7 6 5	16.9 18.3 19 7 21 1 25.4	152 146 158 148 152	9 9 8 7 6
24x 84 26x 84 28x 84 30x 84 36x 84	45.9 49.7 53.5 57.4 68.9	138 149 161 172 138	3 3 3 2	37.2 42.3 43.4 46.5 55.8	149 161 174 139 167	4 4 4 3 3	30.2 32.7 35.2 37.7 45.3	151 163 141 151 136	5 5 4 4 3	23.2 25.1 27 0 29.0 34.8	162 151 135 145 139	7 6 5 5 4	19.7 21.3 23.0 24.6 29.6	158 149 161 148 148	8 7 7 6 5
24x 96 26x 96 28x 96 30x 96 36x 96	52.5 56.8 61.2 65.6 78.7	157 171 184 131 157	3 3 2 2	42.5 46.0 49.6 53.1 63.7	170 138 149 159 127	4 3 3 3 2	34.5 37.4 40.3 43.1 51.8	138 149 161 129 155	4 4 4 3 3 3	26.5 28.7 30.9 33.1 39.7	159 143 155 166 159	6 5 5 5 4	22.5 24 4 26.3 28 1 33.9	157 146 157 141 169	7 6 6 5 5
24x120 26x120 28x120 30x120 36x120	65.6 71.1 76.5 82.0 98.4	131 142 153 164 197	2 2 2 2 2	53.1 57.6 62.0 66.4 79.7	159 173 186 133 159	3 3 2 2 2	43.1 46.7 50.3 53.9 64.7	129 140 151 162 129	3 3 3 2	33.1 35.9 38.6 41.4 49.6	166 143 155 166 149	5 4 4 4 3	28.1 30.5 32.8 35.2 42.1	141 152 164 141 169	5 5 4 4
GAUGES		24			26		27			28			30		
24x 72 26x 72 28x 72 30x 72 36x 72	13.9 15.0 16.2 17.4 20.9	150 146 156	11 10 9 9 7	10.9 11.8 12.7 13.6 16.3	152	14 13 12 11 9	10.1 11.0 11.8 12.7 15.1	152 154 154 152 152	14 13 12	9.4 10.2 10.9 11.7 14.1	152 153 152	16 15 14 13 11	7.9 8.5 9.2 9.9 11.9	150 145 147 148 154	19 17 16 15 13
24x 84 26x 84 28x 84 30x 84 36x 84	16.2 17.5 18.9 20.2 24.3	140 151 142	9 8 8 7 6	12.7 13.7 14.8 15.9 19.0	151 148 159		11.8 12.8 13.8 14.8 17.7	154 153 152 148 159	12 11 10	10.9 11.8 12.7 13.7 16.4	154 153 150	14 13 12 11 9	9.2 9.9 10.7 11.5 13.8	149	13
24x 96 26x 96 28x 96 30x 96 36x 96	18.5 21.6 21.6 23.1 27.3	160 151 162	8 7 7	14.5 15.7 16.9 18.1 21.7	157 152 145	10 9 8	13.5 14.6 15.7 16.9 20.2	146 157 152	10 10 9	13.5 14.6 15.6	149 146 156	10	11.4 12.2 13.1	148 147 144	13 12 11
24x120 26x120 28x120 30x120 36x120	23. 25. 27. 28. 34.	1 150 0 152 9 145	6 6 5	19.6 21.2 22.6	1 148 1 148 5 159	8 7 7	18.3 19.7 21.1	146 157 148	8 8 7 8 8 7	16.9 18.2 19.5	152 2 146 5 156	8 8	14.2 15.3 16.4	156 153 148	11 10 9

GALVANIZED SHEETS.

Table of Net Prices per pound and square foot at various discounts

									_
Number of Gauge.	16	18	20	22	24	26	27	28	1 2
List Price per 1b	. 12c	13c	13c	14c	14c	15c	16c	17c	21
Ounces per sq. ft.	42.5	34.5	26 5	22.5	18.5	14.5	13.5	12.5	10/
Pounds per sq. ft List Price per sq. f	2.656								0.7
	t./ 31.87	1 28.02	21.52	19.68	16.18	13.59	13.49	13.28	13
DISCOUNT.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Ct
70% Per lb.	3.60	3.90	3.90	4.20	4.20	4.50	4 80	5.10	6.3
Per sq.		8.41	8.46	5.90	4.85	4.07	4.05	3.98	4.
70-21/2% Per lb. Per sq.		3.80	3.80 6.29	4.09 5.75	4.09	4.38	4.68	4.97	6.
70-5% Per lb.		3.70	3 70	3.73	3.99	3.97	3 95	3.88	4 8
10-3% Per sq.		7.97	6.12	5.61	4,61	3.87	3.84	4.84	5.0
70-71/2% Per lb.		3.61	3.61	3.89	3.89	4.16	4.44	4.72	5 /
Persq.		7.78	5.98	5.47	4.50	3 77	3 75	3.69	3.1
70-10% Per lb. Per sq.	. 3.24 ft 8.60	3.51 6.98	3.51 5 81	3 78	3.78	4 05	4 32	4.59	5.1
(0 1)		3.58	3 58	3 85	4 37	3 67	3.64	3.58	31
Per sq.	ft 8.76	7.69	5.91	5 41	3 85 4 45	4 13 3 .73	3 71	4.68	3.1
721/-21/0 J Per 1b	. 3.22	3.49	3.49	3.75	3 75	4.02	4 29	4 56	5.6
(Persq.		7.52	5.78	5.25	4.34	3.64	3.62	3.56	3.4
72½-5% Per lb Per sq.		3.40	3.40 5 61	3.66	3.66	3.92	4 08	4.44	5.+
(Don 1h		3.31	3 31	3.56	4 23	3.54	3.52	3.47	3.5
72½-7½% Per sq. 1		7.14	5.48	5.01	3.56	3.82	4.07	4.32	5.3
72½-10% J Per lb		3.22	3.22	3 46	3.46	3.71	3 96	4.21	5.5
(Persq.)		6.92	5.31	4.86	4.00	3 36	3 34	3.28	3.=
75% Per lb Per sq. f	3.00 t 7.97	3.25	3.25	3.50	3.50	3.75	4 00	4.25	52
(Dow 1h		$\frac{7.00}{3.17}$	5.38	4.92	4.04	3 39	3 37	3.32	3 4
75-2½% Per sq. f	t 7.76	6.84	5.25	3 41 4.80	3 41 3 94	3 66 3 32	3.90 3.29	4.14	5.1
75-5¢ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. 2.85	3.09	3.09	3,33	3.33	3 56	3.80	3 23	3.3
/ Per sq. t		6.64	5.10	4 66	3.83	3.22	3 21	3.15	3.2
75-71/2% Per lb		3.01	3.01	3.24	3 24	3 47	3.70	3 93	4.8
75-10g Per sq. f		6.49	4.99	4.56	3.75	3.14	3.12	3.07	3.1
75-10% Per lb Per sq. f		6.29	4.83	3 15 4.43	3 15 3.64	3 37	3 60	3.82	4.73
771/2% Per lb		2.92	2 92	3.15	3 15	3.05	3.60	3 82	3.09
/ Per sq. 1		6.29	4.83	4 43	3.64	3.05	3.03	2.98	3.09
771/2-21/2% Per lb	2.63	2.85	2.85	3.07	3.07	3 29	3.51	3.73	4.61
7714-5% Per sq. f		2.78	4.72	4.32	3 55	2.98	2.96	2.91	3.03
77½-5% Per 10 Per sq. f		5.97	2.78	2.99	2 99 3 45	3.21	3.42	3.63	4.49
77½-7½% Per lb.	2.50	2.71	2.71	2 91	2 91	3.12	2.88	2.83	2.94
/ Per sq. i	6.64	5.84	4.49	4.09	3.36	2.83	3.33 2.81	3.54	4.37
77½-10% Per lb.	2.43	2.63	2.63	2 83	2.83	3.04	3.24	3 44	4.25
Per sq. f	The state of the s	5.67	4.35	3.98	3.27	2.74	2.73	2.68	2.79
80% Per 10	2.40	2.60	2.60	2.80	2.80	3.00	3.20	3.40	4.20
80-21/2% Per lb.:	2.34	2.54	2.54	2.73	2.73	$\frac{2.70}{2.93}$	2.70	2.65	2.75
Per sq. ft		5.48	4.21	3.84	3.16	2.93	3.12 2.63	3.32 2.59	4.10 2.69
80-5% Per 1b	2.28	2.47	2.47	2.66	2.66	2.85	3.04	3.23	3.99
Per sq. ft		5.32	4.09	3.74	3.07	2.58	2.56	2.52	2.62
80-71/2% Per lb Per sq. ft	5.90	5.20	2.41 3.99	2.59	2.59	2.78	2.96	3.15	3.89
80-10% Per lb	2.16			$\frac{3.64}{2.52}$	2 99	2.52	2.50	2 46	2.55
Per sq. ft	5.73			3.54	2.52	2 70 2.44	2.88	3.06	3.78
						# . TT	2 43	2.39 i	2 48

Crimped Galvanized Sheets.

Three-Sixteenths Inch.

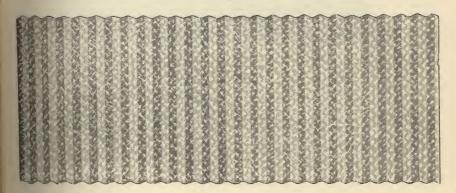


Fig 10.

Fig. 10 shows full size view of Corrugates. Made of Gauges 24 and lighter. Size of crimps $\%_6 x \%_6$ inch. Sheets of any length, crimped cross-ways up to 40 inches wide. Galvanized crimped used for Cornice, Stylings, Borders, Friezes, Window and Door Case Coverings, Panels, Mouldings, etc. The crimping makes the sheets about three gauges stiffer, takes out buckles and waves, and gives the appearance of dressed stone. It can be bent after crimped to any angle without breaking material.

PRICE LIST.

Add 3 cents per pound to the list price of galvanized quoted on page 37.

Discount.....Per Cent.

Common Black Sheet Steel.



Pure American Bessemer Sheet Steel.

COLD ROLLED.

Gauge Nos	22	24	26	27
Size	24 x 101	24 x 101	24 x 101	24 x 101
Price per pound, net	cts.	ets.	ets.	ets.
Also the following numbers in Co	mmon E	Black She	et Iron	and Soft
. Steel, in all sizes and a	t lowest	market	prices.	- 1
Gauge Nos	14 16	18 20	22	24 26 27

Wood's Smooth Iron.

Refined Sheets of uniform black color. All Gauges and merchant sizes usually carried in stock.

Planished Sheet Iron.



"WOOD'S PATENT."

Size 28x60 inches.

		"A"			
Numbers	24	25	26	27	28
		"B"			
Numbers	24	25	26	27	28

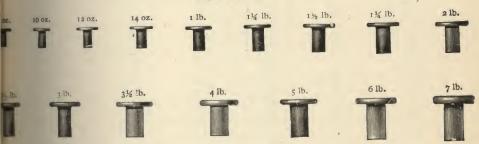
List Price.

	pound.				cents
	pound.				cents
Disc	eount	 	 	Per	Cent.

Wire Gauge.	Standard Size, Inches	Weight per Sheet, Lbs.	Russia Gauge. No.
No. 22	28x60	13	14
No. 23	28x60	121/2	13
No. 24	28x60	111/4	. 12
No. 25	28x60	10	11
No. 26	28x60	91/4	10
No. 27	28x60	83/4.	9
No. 28	28x60	81/4	8
Nos. 22 to 24	28x56	Locomo	tivo
Nos. 22 to 24	28x72	Jacket	
Nos. 22 to 24	28x45) Jacket	01200.

Average net weight per bundle, about 250 lbs.

Rivets.



FLAT-HEAD IRON RIVETS.

Best Norway Iron.

Per 1000.

Size, oz.,	8	10	12	14	1 lb.	11/4	11/2	13/4	2	21/2
Black, Tinned,	\$0.20	.22	.24	.26	.27	.29	.33	.37	.42	.55
Size, 1b.,	3	31/2	4	5	6	7	8	9	10	12
Black, Tinned,	\$0.60	.70 .81	.76 1.00	$\frac{.90}{1.20}$	1.08	$\frac{1.26}{1.68}$	$\frac{1.44}{1.92}$	$\frac{1.53}{2.07}$	$\frac{1.75}{2.35}$	$\frac{1.98}{2.70}$

Discount.....Per Cent

Sheet Zinc.

In Casks and Plates.

Rolled Battery Plates.

Selected Plates for Etchers, Lithographers, Etc. Selected Sheets for Paper and Card Makers' Use.

Engraving Plates.

Approximate Weight of Sheet Zinc.

Zinc Numbers.	Weight Per Square Foot.	Thickness in Decimals of an inch.	About Equal to Stubbs' Gauge.	About Equal to B. & S. Gauge.	Average Weight Per Sheet 36x84, Pounds.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 14 inch.	.37 .45 .52 .60 .67 .75 .90 1.05 1.20 1.35 1.50 1.68 1.87 2.06 2.25 2.62 3.00 3.37 3.75 4.70 9.40 14.10 18.80 37.60	$\begin{array}{c} .010(_{1}\overline{t}_{0})\\ .012\\ .014\\ .016\\ .018\\ .020(_{\overline{t}_{0}}^{1})\\ .024\\ .028\\ .032\\ .036\\ .040(_{\underline{s}_{0}}^{1})\\ .045\\ .050\\ .055\\ .060(_{17}^{17})\\ .070\\ .080\\ .090\\ .100(_{10}^{1})\\ .125(_{16}^{1})\\ .250(_{16}^{1})\\ .375(_{26}^{1})\\ .500\\ 1.000\\ \end{array}$	31 30 28 27 26 25 23 22 21 20 19s 18s 18f 17s 17f 15s 14s 13s 12 11 3s 00s	30 28s 27 26 25 24 221/2 21 20 19 18 17 16 15s 14/2 13s 12 11 10 8s 2s 00f	7.77 9.45 10.92 12 90 14 32 17.16 20.00 22.84 25.20 28.52 31.50 35.28 39.27 45.55 47.25 55.02 63.00 70.77 78.75 98.70 197.40 296.10

Regular Stock Size 36 x 84 Inches.

We also carry in stock the following sizes in No. 9 Zinc: 24x84, 26x84, 28x84, 30x84.

Price......Per Pound......cents.

Sheet Copper.

For all purposes: Gutters, Valleys, Cornice and Bar Work, Etc. Table of Weight Per Square Foot, and Thickness Per Stubs' Wire Gauge.

Stubs' Gauge, Nearest No	1	2	3	4	5	6	7	8	9	10	- 11	12	13	14
Thickness in Decimal Parts of 1 inch	.800	. 284	259	.238	.220	.203	.180	-165	. 148	134	.120	. 109	.095	.0880
Ounces per Square Ft	223	211	193	177	164	151	134	123	110	100	89	81	70	-64
Stubs' Gauge. Nearest No	15	16	18	. 19	21	22	23	24	26	27	29	31.	33	85
Thickness in Declinal Parts of 1 inch	. 0754	.0645	.0538	. 0430	. 0322	.0269	0242	. 0215	.0188	0161	.,0134	.0107	.00806	.00537
Ounces per Square Ft	56	48	40	32	24	20	18	16	14	12	10	8	6	4

Basis Price cents per pound.

SCHEDULE OF EXTRAS FOR HOT ROLLED SHEET COPPER, Adopted Jan. 19, 1899.

		64 oz.	32 oz. up to	24 oz. up to	16 oz. up to	14 oz. and	12 oz.	10 oz.	8 oz.	
SIZE	ES OF SHEETS.	50 lb. sheet. 30 x 60 and	64 oz, 25 to 50 1b sheet.	82 oz. 1834 to 25 lb. sheet.	24 oz. 1216 to 1814 lb.	15 oz. 11 to 1216 lb	13 oz. 916 to 11 lb. sheet,	11 oz. 7% to 9% lb.	9 oz. 6¼ to 7¾ lb.	Lighter than 8 oz.
			30 x 60.		sheet. 30 x 60.	sheet. 30 x 60.	30 x 60.	sheet, 30 x 60.	sheet, 30 x 60,	
WIDTH.	LENGTH.		Ce	nts Per	Pound	Advanc	e Over	Base Pr	ice.	
	Not longer than 72 inches	Base	Base	Base	Base	1	2	3	6	9
Not wider than 30 inches.	Longer than 72 inches Not longer than 96 inches	Base	Base	Base	Base	1	3	6	9	
	Longer than 96 inches	Base	Base	Base	Base	2	6			
Wider than 30	Not longer than 72 inches	Base	Base	Base	Base	2	4	7	10	
inches but	Not longer than 96 inches	Base	Base	Base	Base	2	6	9 .		
not wider than 36 inches.	Not longer than 120 inches	Base	Base	Base	1	3				
so metres.	Longer than 120 inches	Base	Base	1	2					
Wider than 36	Not longer than 72 inches	Base	Base	1	2	.4	7	10		7
inches but	Not longer than 72 inches	Base	Base	1	3	5	8			
not wider than	Not longer than 120 inches	Base	Base	2	4	8				
40 menes.	Longer than 120 inches	Base	1	3	6				1	
Wider than 48	Not longer than 72 inches	Base	Base	1	3	6	11			
inches but	Not longer than 96 juches }	Base	Base	2	4	9				
not wider than 60 inches.	Longer than 96 inches \ Not longer than 120 inches.	Base	1	3	6					
oo menes.	Longer than 120 inches	3	2	4	8					
Wyder than 60	Not longer than 96 inches	Base	1	3	8					
nches but	Not longer than 120 inches.	Base	2	5	10					
72 inches	Longer than 120 inches	1	3	8						-
Wider than 79 in. but not water	Not longer than 96 inches	1	3	6						
	Not longer than 120 juches	2	4	7						
than 108 inches.	Longer than 120 inches	3	5	9						
Wider than 108	Not longer than 132 inches.	4	6	1			1			
inches	Longer than 132 inches	5	8							

EXTRAS.

Circles, Segments and Pattern Sheets, three (3) cents per pound advance over prices of Sheet Copper required to cut them from.

All Cold or Hard Rolled Copper, 14 oz. per square foot and heavier, one (1)

cent per pound over the foregoing prices.

All Cold or Hard Rolled Copper, lighter than 14 oz. per square foot, two (2) cents per pound over the foregoing prices.

Sheet Copper.

EXTRAS.

Cold Rolled and Annealed Copper, Sheets and Circles, wider than inches, take the same price as Cold or Hard Rolled Copper of correspondent dimensions and thickness.

All Polished Copper, 20 inches wide and under, one (1) cent per pour advance over the price for Cold Rolled Copper.

All Polished Copper, over 20 inches wide, two (2) cents per pound advantorer the price for Cold Rolled Copper.

Cold Rolled Copper prepared suitable for polishing, same prices and extras Polished Copper.

Planished Copper, one (1) cent per pound more than Polished Copper.

Circles, Segments and Pattern Sheets, three (3) cents per pound advanover prices of Sheet Copper required to cut them from.

All Cold or Hard Rolled Copper, also Cold Rolled and Annealed Coppe Sheets and Circles, wider than 17 inches, 14 ounces per square foot and heavier one (1) cent per pound over foregoing prices.

All Cold or Hard Rolled Copper, also Cold Rolled and Annealed Copper Sheets and Circles wider than 17 inches, lighter than 14 ounces per square foot two (2) cents per pound over the foregoing prices.

All Polished Copper, including Copper Bottoms and Flats, 20 inches wid and under, one (1) cent per pound advance over the price of Cold Rolled Copper

All Polished Copper, over 20 inches wide, two (2) cents per pound advance over the price of Cold Rolled Copper.

Cold Rolled Sheets, Circles and Segments, prepared suitable for polishing same price as Polished Copper.

TINNING.

Tinning Sheets on one side, 10, 12 and 14x48	
Tilling Sheets on one side 30x60	
Food	
For Tinning Boiler, size No. 8, 14x56	
For Tinning Boiler, size No. 7, 14x52	• • • • • •
Tinning Sheets on one side	
- Square Foot.	0.021_{2}

For Tinning both sides, double above price.

COPPER BOTTOMS, PITS AND FLATS.

PRICE LIST.

14 oz. to square foot and heavierPer	pound,	\$0.30
12 oz. and up to 14-oz. to square foot	pound,	. 31
10-0z. and up to 12-oz. to square foot	nound	22
Lighter than 10-oz. to square foot	pound.	.36

Circles less than 8-in, diameter, 2c per pound additional. Circles over 13-in, diameter are not classed as Copper Bottoms, Polished Copper Bottoms and Flats are 1c per pound extra.

Solder.



We guarantee the proportions of our Solder to be strictly as represented. We use only doubly refined materials.

Our Own Brands.

Always in stock and excelled by none

M. C. Co. "Superior"
M. C. Co. Superior
M. C. Co. "Strictly ½ & ½"
M. C. Co. "Cornice Makers"48 to 52
M. C. Co. "Cornice Makers 10 02
M. C. Co. "Market ½ & ½"
M. C. Co. Market 72 to 72
M. C. Co. "Plumbers' Wiping"40 to 60
1. C. Co. Flumbers Wiping
Wire Solder, No. 8, 10, 14 and 10 Wife datage (151
cents per pound
Any quality Capping Bars
Any quality Capping Bars4 cent per pound care
Triangular Bars Δ
Triangular Bars A
Slab Solder
blad bouter to and E00 nounds ough

Sizes of our solder boxes are 50—100 and 500 pounds each.
Wire solder is sold in coils any number of pounds desired, and boxed. No

Weight of ordinary Bar Solder about 1½ lbs. per bar.

Block Tin.

Larga Pigs (100) lbs.)cents per por	und.
Small - Digg / 30	1 lbg)	unu.
Bars		und.

Lead.

Pigs of 100 poundscent	s per	pound.
Pigs of 30 poundscent	s per	pound.

Sheet Lead.

Weight per Square Foot. Pounds.	Approx. Thickness in Fractions of 1 inch.	Actual Thickness in 1000th part of 1 inch.	Nearest No. American Wire Gauge.
3 3½ 4 4½ 5 6 7 7 7½ 8	1-20 1-18 1-16 1-14 1-12 1-10 1- 9 1- 8 1- 7	.051 .059 .067 .076 .084 .101 .118 .126	16 15 14 13 12 11 10 9 8

Rolls of Sheet Lead average 20 feet in length and from 7 to 9 feet in width. Special sizes and weights made to order on short notice.

Prices quoted on application.

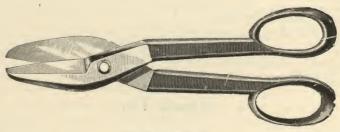
Cast Steel Rivet Sets.



Number ... 2 3 4 5
Per Dozen ... \$7.60 6.00 6.00 4.50

Discount......Per Cent.

Tinners' Hand Shears or Snips.



Our Favorite.

 No. 7. Hand cut, 4 inches.
 \$2.50

 No. 8. Hand cut, 3½ inches.
 \$2.00

 No. 9. Hand cut, 3 inches.
 1.50

Discount.....Per Cent.

Soldering Coppers.



EXTRA FINISH.

FLAT SOLDERING COPPERS.

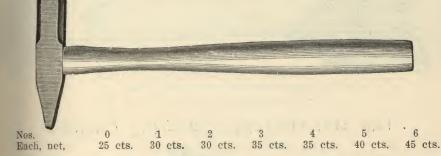
% Pound to the Pair.....Per lb.,.....Cts.

Todd's Cutting Nippers.



Style of Nos. 0 to 4. Per pair, \$3.00, \$2.25, \$2.00, \$1.75, \$1.50.

Cast Steel Riveting Hammers.



The Milwaukee Tank Heater with Spark Protector.



Milwaukee Tank Heater.

It is made of heavy sheet iron shell, cast into an iron bottom and cast iron top. It has a cover over fire pot and a slide on the draft hole to regulate the fire. It will burn any kind of fuel. The sheet iron shell is riveted with two rows of rivets, packed with fire proof asbestos paper. This will not allow the tank to leak, and there is no solder to melt when there is a fire in the heater, which is the case on a number of other heaters. Size of drum or heater is 26 inches high and 16½ inches diameter. Give the heater a trial and we know it will please you. Write for prices.

Price, each §.....

No. 3 Gem Gasoline Furnace.



The slotted burner is made of cast iron, recessed in front and back, which insures durability. The solder from the soldering coppers cannot fall into the perforations. They are noiseless, odorless and powerful heaters. The heat is distributed the full length of the coppers. The aperture in the hood is of sufficient size to admit the largest size coppers, which can be heated in a short time. The Fire-proof Pneumatic Reservoir cannot be filled while burners are lighted.

An improved drip cup is provided, which generates the gas without smoke or smell.

Every furnace is guaranteed to be worked out-of-doors or on roofs in all kinds of weather.

			Shipping Weight.	
		reservoir per reservoir		\$7.00 8.50

Discount......Per Cent.

. The Star Gasoline Soldering Furnace.

If you are looking for a thorough first-class furnace, the STAR will suit you. It embodies all the principles and improvements used on the Gem Furnace, including the Automatic Brass Air Pump and Filler Plug.



Although it is different in many respects, it is intended for those who are looking for a first-class furnace at a moderate price.

Price, Heavy Tin Reservoir Each, \$5.50

Discount......Per Cent.



All Right Torch.

For Gasoline.

Entirely new and of great merit. It is made on a new and scientifically correct principle and produces a solid blue flame of intense heat.

Each burner is fitted with clean-out plug, so arranged that it can be easily cleaned and kept in order.

The tank is made from heavy spun brass free from seams, and is fitted with brass air pump. We are offering you the best torch on the market and at a specially low price. We warrant them as represented.

Price, net\$2.50

"Milwaukee" Nested Stove Pipe.

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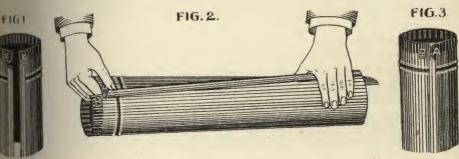


Fig. 1-Shows Construction of Pipe.

Fig. 2-Shows mode of Fastening Pipe together.

Fig. 3-Shows Pipe Put Together ready for use.

MATERIAL.

Pipe is made from Cold Rolled Steel. Wood's Smooth or Planished Iron.

TOOLS.

No Tools of any kind required to fasten Pipe together.

HOW PACKED.

Packed in small crates of Fifty Joints each.

APPROXIMATE WEIGHT OF CRATES.

te
7

DIRECTIONS FOR PUTTING TOGETHER.

The pipe is made with single folds on each edge as shown by Fig. 1. In locking the seams together as shown by Fig. 2, the point marked "A" is to overlap the point "B," then rest the pipe on something so as to have the hands free to manipulate it, holding the right hand and thumb firmly at point as designated to act as a hinge, press pipe in with left hand, when joints "A" and "B" will open as shown in cut, then with a slight upward pressure of right hand raise point "A" and relieve the pipe from left hand, being particular to have point "A" overlap point "B" and they will come together as shown in Fig. 3.

Further information and prices on application.

Ornamental Roof Crestings.

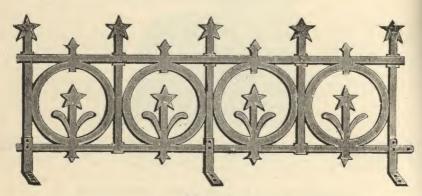
Nothing adds so much to the appearance of a building, in proportion to the expense, as a neat, handsome cresting on the deck, ridge or front.

Our crestings have the following advantages: Wrought Iron feet are double riveted to all crestings, and no sections are lost by breaking off the feet by screwing them down. The feet cannot be broken in putting up work, and can be bent to correspond with any pitch of roof. Wrought angle steel is used for the base of finials. Crestings are secured together and to finials by using small bolts which we furnish when crestings are "cut and fitted." Crestings are dipped in metallic paint and baked to insure freedom from rust. Crestings can be cut and fitted to measurement ready to put up, and accurate fit is guaranteed in every instance. We send diagram showing location of each piece when we "cut and fit."

We make an extra charge for cutting and fitting to exact measure at cost to us, not exceeding 5 cents per foot.

For putting on double ridge feet, when needed on high crestings, we make an additional charge of 5 cents per foot.

They are not needed except on crestings 24 inches high or higher. In ordering for ridge, state whether you desire double ridge feet or not. Boxing at cost—usually 40 cents to \$1.00, depending on quantity. Cartage 25 to 50 cents.



No. 651.

PRICE LIST.

15 inches	high			 	I	er foot,	\$0.45
riniai to	maten	• • • • • • • • •	• • • • • • • •	 	• • • • • • • • • • • • • • • • • • • •	Each,	.80

No 651 Cresting is used where a low cresting is desirable and is especially adapted for verandas, bay windows, etc.

The finial which matches it has a small star on top similar to top of cresting, and stands about 15 inches higher than top of cresting.

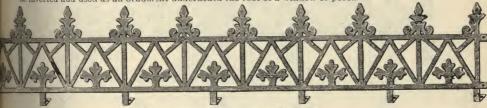
Discount......Per Cent.

Roof Crestings.



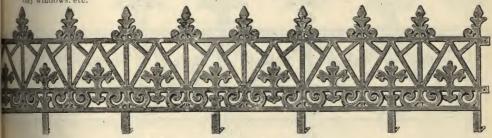
No. 648. 8 inches high, price per foot, \$0.35.

This cresting makes a neat finish over porches, bay windows and on veranda roofs. It can be inverted and used as an ornament underneath the roof of a window or porch.



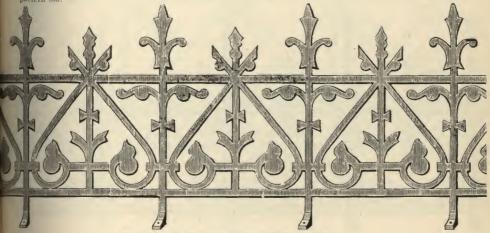
No. 650. 14 inches high, price per foot, \$0.40.

This is a neat cresting, suitable for a low roof and specially adapted for verandas, bay windows, etc.



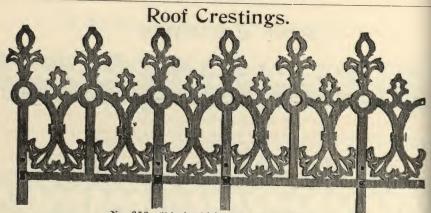
No. 649. 18 inches high, price per foot \$0.50.

Specially adapted and is an elegant pattern for medium height roof cresting, or a high veranda, or bay window cresting. Any of our smaller size finials can be used with this and pattern 650.



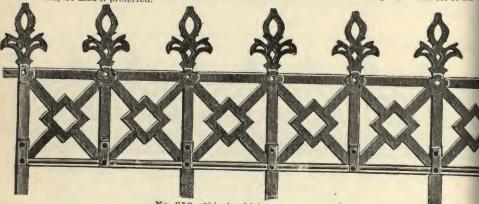
No. 654. 24 inches high, price per foot, \$0.55.

Use No. 678, 15-inch, or No. 674 Finials. Specially adapted for roof cresting, particularly for "decks" of roofs.



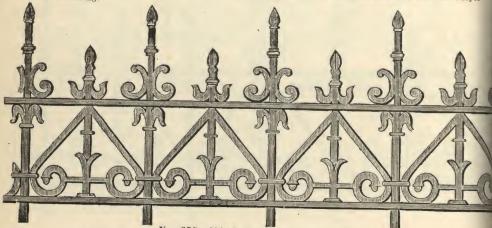
No. 653. 21 inches high, price per foot. \$0 55.

No. 678 Finials, 15 inches high above top of cresting, match this cresting best. No. 674 or 673

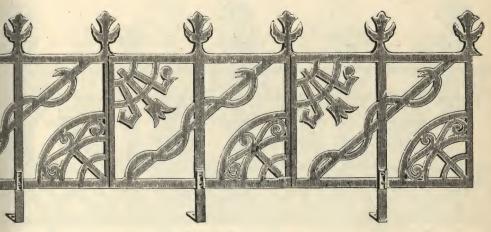


No. 652. 18 inches high, price per foot, \$0.45.

Either No. 674, 672 or 678 Finials, 15 inches high above top of cresting, will match this style



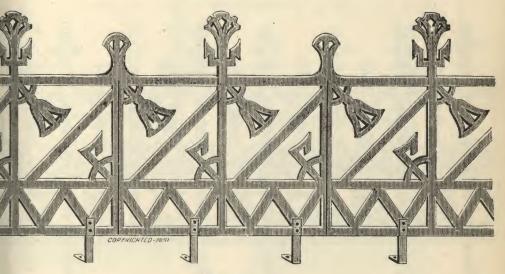
Roof Crestings.



No. 662.

25 inches high, price per foot, \$0.55.

Either our No. 674 or No. 673 Finial matches this Cresting.



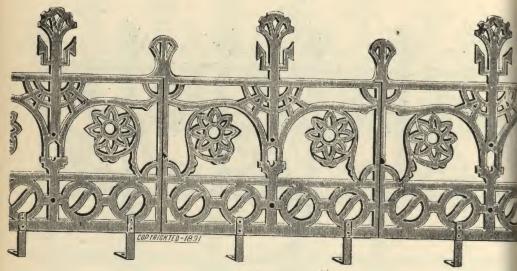
No. 667.

28 inches high, price per foot, \$0.65.

No. 674 Finial can be used with this Cresting.

Discount......Per Cent.

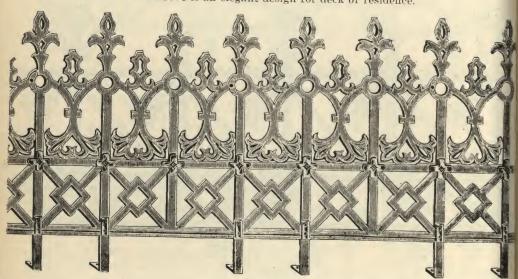
Roof Crestings



No. 665.

28 inches high, price per foot, \$0.65.

The above is an elegant design for deck of residence.

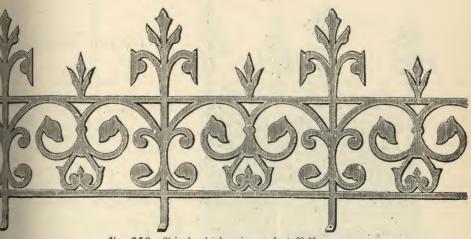


No. 660.

28 inches high, price per foot, \$0.75.

Discount......Per Cent.

Roof Crestings.



No. 656. 24 inches high, price per foot. \$0 55.

Either No. 678, 15 inches above top of cresting, No. 674 or 873 Finial will match this style.

No 674 is best adapted to it in style.

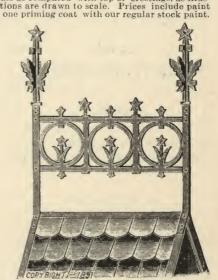
Tower Finials, Etc.

The accompanying cuts illustrate our improved method of making tower ornaments both attactive and inexpensive. Any of our various styles of crestings that are made with wrought iron feet can be used in combination with any of our finials that are made with angle steel bases. The illustrations also show the heights of our finials as compared with top of crestings, as illustrations are drawn to scale. Prices include paint ing one priming coat with our regular stock paint.

No. 687. Wedge Tower Finial.

The above illustration shows our No. 654
Cresting arranged with two of our No. 673 Finials, to form an ornamental terminal for tower. DDICES

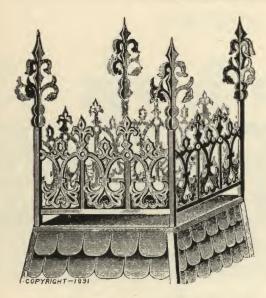
				CLS.		
No.	654	Cresting.			Per foot,	\$0.55
No.	673	Finial			Each,	1 00
Ext	ra f	or fitting	as abo	ove		2.50



No. 689. Wedge Tower Finial.

Above illustrates our No. 651 Cresting arranged with our No. 651½ Finial to form an ornamental terminal for wedge tower.

				RICES			
No.	651 Cr	esting				Per foot,	\$0.45
No.	6511%	Finial.				Each,	.80
Ext	ra for	fitting	up a	s above	·		2.50



Tower Finials.

No. 685

Square Tower Finial.

This shows our No. 653 Cresting with our No. 678 (15-inch) Finials.

PRICES.

No 653 Cresting . Per ft., \$0.55
No. 678 (15-in.) Finials,
Each 1.00
Extra for fitting as shown 3.00

No. 685. Square Tower Finial.

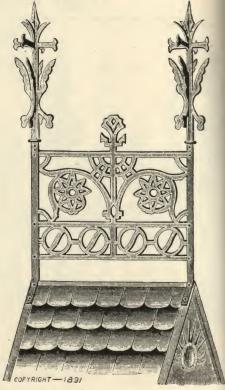
No. 686

Wedge Tower Finial.

PRICES.

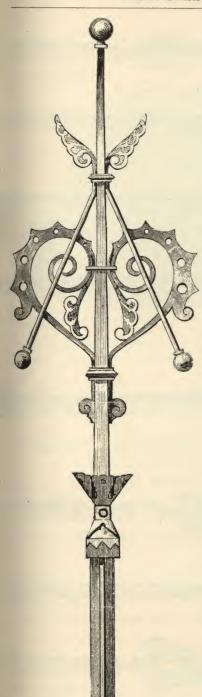
No 665 Cresting....Per ft., \$0.65 No. 670½ Finials....Each, 1.25 Extra for fitting as shown... 2.50

An attractive terminal for a wedge tower is shown in No. 686. It is made of our No. 665 Cresting and our No. 670½ Finial.



Discount......Per Cent.

No. 686. Wedge Tower Finial.



No. 679. Finial.

Tower Finials.



No. 674. Finial.

Our No. 674 shows Finial forming a corner. Also shows how the base is screwed to the roof. See feet at bottom of base.

Prices include painting one coat only as a priming coat.

We paint with only our regular stock paints.

No. 679 Tower Finial.

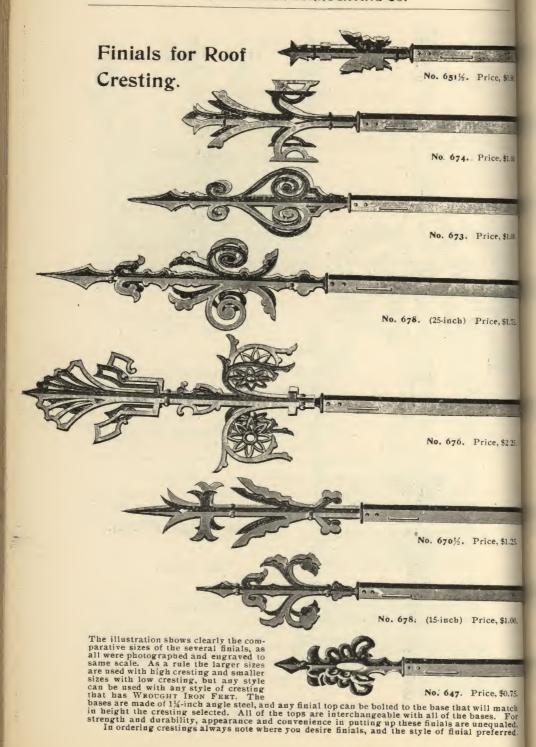
Four Arms.

PRICES.

No.	679,	6	feet Each,	\$13.50
No.	679,	7	feetEach,	15.00
No.	679,	8	feetEach,	17.50

This is a very attractive Tower Finial.

Discount.....Per Cent.



Nonpareil Continuous Roofing Tin.



Protected in transportation by PATENT PACKAGES and always received in good condition by customers.

Each Roll Ready for Roof when Received.

Made of Both IC and IX Plates of superior quality.

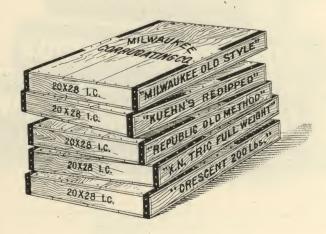
Put Up in Rolls of 100 Square Feet.

Rolls measure 14 in. by 86 ft., 20 in. by 60 ft., 24 in. by 50 ft. and 28 in. by 43 ft. Cross-Seams 10 foot apart. Can be laid in half the time it requires for 20x28 inch Roofing Tin.

Prices Quoted on Application.

Sheets are unpainted. If desired painted (both sides), price will be 20 cents per square extra.

Roofing Tin.



Our Roofing Plates Are Just as Represented.

The Quality Speaks for Itself.

"Milwaukee Old Style."

40 Pounds of Coating.

Roofing Tin.

"Kuehn's" Redipped.

30 Pounds of Coating.

IC 20x28, weighing 232	pounds\$per box	
IX 20x28, weighing 282	pounds\$per box	

Republic Old Method.

25 Pounds of Coating.

IC	20x28,	weighing	226	pounds\$per b	ox.
IX	. 20x28.	weighing	280	poundsper be	OX.

. . .

X. N. Tric.

15 Pounds of Coating.

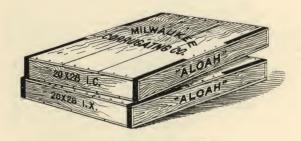
IC, 20x28, weighing 216	pounds	per box.
IX, 20x28, weighing 272	pounds	per box.

Crescent.

12 Pounds of Coating.

IC,	20x28,	weighing 200	pounds\$per box	
IX.	20x28.	weighing 265	pounds\$per box	

Coke Tin Plates.



"Aloah,"

A good clean coke plate. It has a nice finish and first-class working qualities.

We carry IC and IX 14x20 and IC and IX 20x28 Primes and Wasters.

We also have them in all weights.

Heater Pipe Tin.

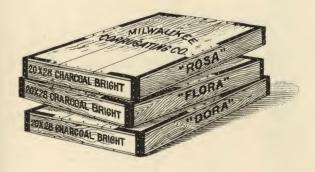
We have this in the following sizes:

IC 20 x 23	IC 20 x 26	IC 20 x 29½	IC 20 x 32½	IC 20 x 39
IX 20 x 23	IX 20 x 26	IX 20 x 29½	IX 20 x 321/2	IX 20 x 39

Bright Tin Plates.

We Always Have a Full Stock of These in All Grades.

All our charcoal plates are made by the Palm Oil Process. They are coated with the purest tin obtainable and are soaked and finished in Clarified Lagos Palm Oil of first grade. Their working qualities are unexcelled. Below our private brands are enumerated.



"ROSA."

A tissue paper packed plate, with heavy coating and fine Best Charcoal Finish. Suitable for all kinds of work requiring a superfine plate. This plate has no equal.

"FLORA."

Similar to above but not tissue packed. Grade equal to Calland.

"DORA-"

Not so heavily coated but having a fine finish. Grade equal to Melyn.

Cost of Tin Roofing.

The following table shows the cost per square and per square foot of the roofing. The first coumn contains the price per box of tin; the second column shows the cost of tin per square (100 square feet) of surface, and the third column shows the cost of tin per square foot of surface.

Flat Seam Roofing.

Cost with 14x20 Tin.

Cost with 20x28 Tin.

											-
-	Cost		l	Cost	1	1	Cost	1		Cost	
Price	per sq.	Cost	Price	per sq.	Cost	Price	per sq.	Cost	Price	per sq.	Cost
of Tin	of flat	per sq.	of Tin	of flat	per sq.	of Tin	of flat	per sq.	of Tin	of flat	
per box	roof 14	foot	per box	roof 14	foot.	per box	roof 20			roof 20	
	x20 Tin			x20 Tin			x28 Tin	1000	per box	x28 Tin	1000
										AUG III	
\$4.25	\$2.21	.0221	\$8 25	\$4.29	.0429	\$ 8.00	\$2.01	0001	010 00	04 04	0.404
								.0201	\$16.00	\$4.01	. 0401
4.50	2.34	0234	8 50	4.42	.0442	8.50	2.13	.0213	16.50	4.13	.0413
4.75	2.47	.0247	8 75	4.55	.0455	9.00	2.26	.0226	17.00	4.26	. 0426
5.00	2.60	.0260	9 00	4.68	.0468	9.50		.0238			
5.25	2.73	.0273	9 25	4.81					17.50	4.38	. 0438
					.0481	10.00		.0251	18.00	4.51	.0451
5.50	2.86	.0286	9 50	4.94	.0494	10.50	2.63	.0262	18.50	4.63	. 0463
5.75	2.99	.0299	9 75	5.07	.0507	11.00	2.76	.0276	19.00		
6.00	3.12	.0312	10 00	5.20	.0520	11.50					
6.25	3.25						00	.0288	19.50	4.88	. 0488
		.0325	10 25	5.33	.0533	12.00		.0300	20.00	5.01	. 0501
6 50	3.38	. 0338	10 50	5.46	. 0546	12.50	3.13	.0313	20.50	5.13	. 0513
6 75	3.51	.0351	10 75	5.59	.0559	13.00		.0325	21.00	0.40	
7 00	3.64	.0364		5.72	.0572	13.50	01.00				
							0.00	. 0338	21.50		. 0538
7 25	3.77		11 25	5.85	.0585	14.00	3.50	. 0350	22.00	5.51	. 0551
7 50	3.90	.0390	11 50	5.98	.0598	14 50	3.63	.0363	22,50		
7 75	4.03	.0403	11 75	6.11	.0611	15 00	0.00				
8 00	4.16						0		23.00	5.76	. 0576
0 00	4.10	.0410	12 00	6.24	.0624	15.50	3.88	.0388			
				1			I				

Standing Seam Roofing.

Cost with 14x20 Tin.

Cost with 20x28 Tin.

Price of Tin per box	Cost per sq. of st'dg seam roof	Cost per sq. foot	Price of Tin per box	Cost per sq. of std'g seam roof	Cost per sq. foot	Price of Tin per box	Cost per sq. of st'dg seam roof with 14 x20 Tin	Cost per sq. foot	Price of Tin per box	Cost per sq. of st'dg seam roof with 20 x28 Tin	Cost per sq. foot
	with 20 x28 Tin			with 14 x20 Tin		\$ 8.00 8.50 9.00 9.50 10.00	2.28 2.41 2.55	.0228 $.0241$ $.0255$	\$16.50 17.00 17.50 18.00 18.50	4.56 4.69 4.82	.0469
\$4.25	\$2.37	.0237	\$ 7.25	\$4.03		10.50	2.82	.0282	19.00	5.09	. 0509
4.50	$\frac{2.51}{2.65}$	0.0251 0.0265	7.50	$\frac{4.17}{4.31}$.0417	11.00		.0295	$\begin{vmatrix} 19.50 \\ 20.00 \end{vmatrix}$. 0523
5.00	2.79	.0279	8.00	4.45	.0431	12.00		.0321	20.50		.0536
5.25	2.93	.0293	8.25	4.59	.0459	1250	3.35	.0335	21.00		
5.50	3.06	.0306	8.50	4.73	.0473	13.00			21.50		. 0576
5.75	$\frac{3.20}{3.34}$.0320	8.75 9.00	4.87	.0487	13.50			22.00		. 0590
6.25	3.48		9.25	$5.01 \\ 5.15$.0515	14.50			22.50 23.00		. 0603
6.50	3.62	.0362	9.50	5.29	.0529	15.00			23.50		.0630
6.75	3.76	.0376	9.75	5.43	.0543	15.50	4.15	.0415	24.00		. 0643
7.00	3.90	.0390	10.00	5.57	.0557	16.00	4.29	.0429			

Please note the above table of prices, showing the net cost of tin per square foot, also per 100 square feet—for material only.

Twentieth Century Corrugated Galvanized Steel Pump.

A New Innovation.

Nothing Like it on the Market.

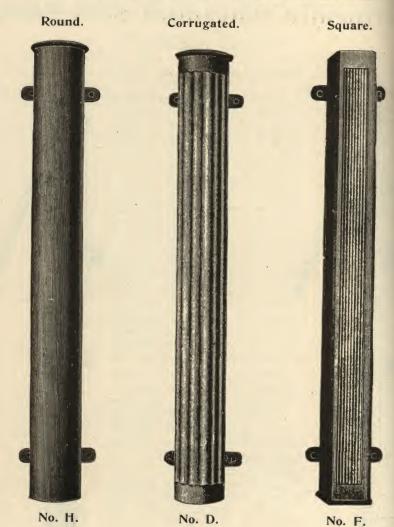
The well-known objections to wooden pumps-such as checking, splitting, rotting and tainting of water-are all successfully done away with in this pump. It is neat in design, strong, thoroughly efficient, and its construction is a radical departure from others, and follows along the line of modern thought which has given us steel construction in everything to supersede and do away with the clumsy methods of old. The body of the pump is of corrugated form, giving a degree of strength not found in other constructions of the kind, allowing for expansion, whereby no injury occurs by freezing. A special device is provided, by which, at will an outlet can be opened, giving vent to all water contained in pump. The cast iron base is adjustable and can be set at any height to suit user. The cylinders are cast iron and are models of simplicity and The pump can be strength. quickly set up, works perfectly, lifting the water easily, and smoothly and delivering it rapidly.

The materials used are the very best that can be bought and the workmanship is perfect, owing to our force of skilled mechanics, aided by long experience and an equipment of the best tools and machinery money can assemble.

Merit will place this Steel Pump to the front and keep it there.

Prices Quoted Upon Application.

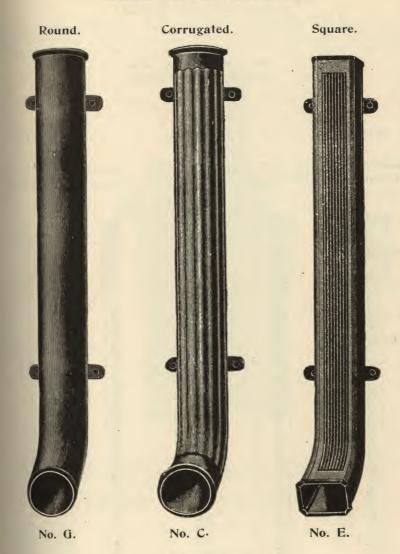
Cast Iron Sewer Connections.



PRICE LIST.

3 inch	ch, \$3.20 ch, 4.00 ch 4.70	No. D. 4½ ft. long. \$3.40 4.20 5.20 6.20	
Discount		0.20	0,10

Cast Iron Boots.



PRICE LIST.

No. G. 41/2 ft. long.	No. C. 4½ ft. long.	No. E. 4½ ft. long.
3 inch, each	\$3.40 4.20	\$3.60 4.40
5 inch, each	$\frac{4.20}{5.20}$	5.40 6.40

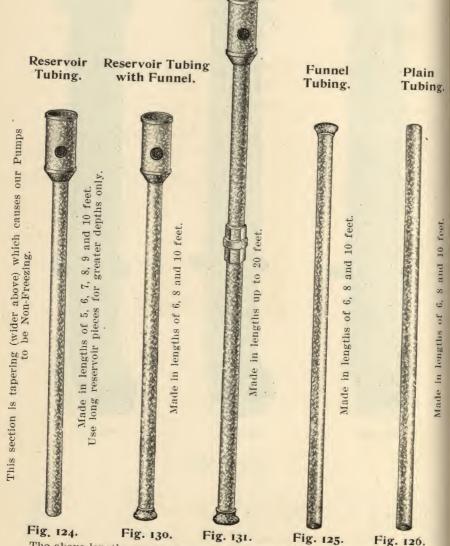
Discount......Per Cent.

Milwaukee Galvanized Iron Chain Pump Tubing

Made of No. 24 Gauge Galvanized Iron, Unless Otherwise Ordered.

Consists of a Reservoir (or Top) piece, and a Funnel (or Bottom) piece united with a coupling (as shown in cut). Plain Tubing is added between the two, where depth of cistern or length of Tubing required is greater than 19 feet

Reservoir Tubing with Coupling and Funnel.



The above lengths are constantly kept in stock. We will however, make to order any other and odd length (less than 10 feet) that may be wished.

Milwaukee Galvanized Iron Chain Pump Tubing Couplings.

Pumps

Supplied

with

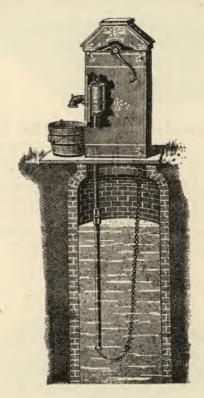
this

Tubing

are

Non=

Freezing.



Best,
Most
Economical
and
Strongest
Chain Pump
Tubing on
the Market.

Fig. 127.

The above illustration shows the manner of applying our Galvanized Tubing with Reservoir, Couplings and Funnel attached, to any Chain Pump.

Cheap, Healthful, Durable.



This Tubing can be attached to and used with any Wood Curb, as we furnish FREE with every Reservoir Section, a Block and a Clamp.



Coupling, for Tube.



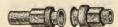


Fig. 129.

Fig. 128.

Galvanized Couplings, per set.....

\$0.30

Galvanized Steel Tanks.

Made of 20 Gauge Galvanized Steel.



Galvanized Sheep Dipping Tanks.

We make many of these tanks, and as opinions differ so much as to the dimensions, we submit the following sizes and shapes which are generally used. In ordering this tank, if wanted narrower or wider at bottom, or not quite so deep, or more slanting at inclined end making bottom shorter, we furnish as ordered without additional charge. For a tank made wider at top than widths named in list, add 10 per cent. to the list price for the extra width wanted.

When desired we furnish a sheet of galvanized steel, 8 feet long and the proper width for tank ordered, with the edges turned up 1 inch for dripping board which you place on boards with a list leincline, forming a platform for sheep to walk out, which carries all the drip back to tank. For this the list price is \$3, 25.

For this the list price is \$3.25.

THE SLANTING END OF TANK we place on inside, 1 inch angle bars forming a ladder for sheep to walk out by.

List Price of Sheep Dipping Tanks.
 No.
 Height
 Length Top L'gth bot'm
 Width top Width bot'm
 Weight
 Price

 B-1
 .3 ft
 6 ft
 .4 ft
 .2 ft
 .1 ft
 .100 lbs
 .\$13.00

 B-2
 .3 ft
 .8 ft
 .6 ft
 .2 ft
 .1 ft
 .150 lbs
 .17.00
 ft......1 ft......150 lbs...... 17.00 B-3.....4 ft..... 8 ft......6 ft......2 ft......1 ft......175 lbs...... 20.00 -4.....4 ft..... 8 ft......6 ft......2½ ft......1 ft......200 lbs...... 22.00 B—5......3 ft......10 ft......8 ft......2 ft.....1 ft.....200 lbs..... 22.00



The Star Galvanized Steel Wagon Tanks,

Are the most durable form of a steel tank to be used on a wagon for the hauling of water for any purpose. They are made with a water-tight cover, and in center of cover we put a 14 inch round man-hole, also at rear bottom end we place a 1 inch connection for either pipe or hose for drawing off water. This tank is made very strong, being thoroughly braced for the purpose it is intended. It may be set on any kind of wagon by simply laying boards on the wagon gear to set tank on

AT	Sizes	and Prices	as Follows:		
No. Wid	th Height	Langth	Canacity	XX7 - 1 - 1 - 4	Price.
1	It Z It	8 ft	71/6 hhls	140 lbe	\$12.50
E-4	It 2 It	8 ft	71/6 bbls	175 lbs	15 00
E-5	II 2 It	8 ft	91/6 hbls	200 lbg	10 00
1 4	It Z It	8 ft	12 hhle	995 Iba	01 00
E-53	ft 2 ft	10 ft	14 hbls	260 lbs	94.00
	Discour	nt	Per Cent	200 105	. 44.00

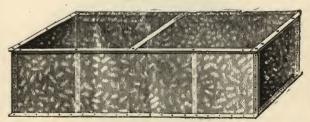
Oblong Tanks. Round Ends.



No.	Wid	th	Heig	ht.	Len	gth.	Weig	ht.	Cap	acity.	Price.
Ta 40	0	4+	9	ft	6	ff	100	IDS	0 74	DDIS	4 0.00
12	2	ft.	. 2.	ft	8	It	130	10S	172	bbls	. 11.00
1.6	2	ft	21/2	ft	8	ft	145	108	372	DDIS	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
15	91/2	ft	. 2.	ft	8	ft	135	108	072	bbls	
16	21/0	ft	21/2	ft	8	ft	150	1DS	14	bbls	
17	3	ft	2	ft	8	It	150	108	14	Date	
18	3	ft	. 21/2	ft	8	ft	170	108	14	bbls	
19	. 4	ft	2	ft	8	Ĭt	175	108	. 19	bbls	
20	4	ft	21/2	ft	8	ft	190	Ibs	14	bbls	
	4	ft	3	ft	8	ft	220	10s	23	bbls	
22		ft	2	ft	10	ft	175	lbs	14	bbls	
23	3	ft	21/2	ft	10	ft	200	lbs	18	bbls	
	3	ft	3	ft	10	ft	230	lbs	.21	bbls	
25	4	ft	2	ft	10	ft	220	lbs	19	bbls	
24	4	ft	21/2	ft	10	ft	240	lbs	.24	bbls	
27	4	ft	3	ft	10	ft	275	lbs	.29	bbls	
44	4	ft	2	ft	16	ft	325	lbs	.30	bbls	. 30.00

Oblong Tanks.

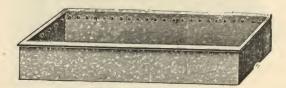
Square Ends.



Y-	Wiath.	Height.	Length.	Weight	Cap	acity.	Price.
	0 64	1 ft	4 ft	50 lbs	2	bbls	\$ 4.00
45	2 11	9 ft	4 ft	90 lbs	4	bbls	7.70
46	.2 11	2 It	6 ft	110 lbs	6	bbls	9.90
41	.2 11	9 64	8 ft	150 lbs	71/2	bbls	12.10
28	.2 It	.Z II	8 ft	170 lbs	91/2	hbls	13.20
29	.2 ft	.2½ It	0.64	170 lbs	914	bbls	13.20
30	.2½ ft	.2 It	8 ft	100 108	19	bbls	14 30
31	.2½ ft	.2½ ft	8 ft	180 108		bbls	
32	.3 ft	2 ft.	8 ft	180 108		bbls	
23	3 ft	21/2 ft	8 ft	200 IDS	14		
3.4	4 ft	2 ft	8 ft	210 IDS	10	bbls	
35	4 ft	.21/2 ft.	8 ft	230 lbs	17	bbls	
36,	4 ft	3 ft	8 ft	250 Ibs	25	bbls	
37	3 ft	2 ft.	10 ft	$\dots 215$ lbs	14	bbls	
38	3 ft	.21/2 ft.	10 ft	230 lbs	18	bbls	
39	3 ft	3 ft.	10 ft	260 lbs	21	bbls	23.65
40	4 ft	2 ft.	10 ft	240 Ibs	19	bbls	22.00
41	A ft	21/2 ft	10 ft	275 lbs	24	bbls	26.40
42	4 ft	3 ft	10 ft	325 lbs	29	bbls	29.70
44	. 1 11	Discoun	t	Per Ce	nt.		

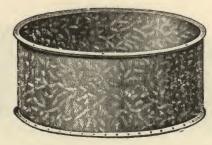
Small Oblong Tanks.

Square Ends.



No. Wie	dth. Height.	Length.	Capacity.	Weight.	Price.
C-132	ft 2 ft	5 ft	. 434 bbls.	93 lbs	\$ 7.75
C-142	ft 2 ft	7 ft	. 61/2 bbls.	112 lbs	
C—1518	in12 in	4 ft	. 40 gals.	50 lbs	3.40
C-1618	in12 in	8 ft	. 80 gals.	100 lbs	. 6.50
C—1824	in12 in	6 ft	. 80 gals.	80 lbs	. 6.50
C-1924	in12 in	8 ft	.110 gals.	100 lbs	7.75
	in12 in			115 lbs	9.50
	in15 in		.120 gals.	90 lbs	
	in15 in		.165 gals.	110 lbs	
C-2324	in15 in	10 ft	.210 gals.	130 lbs	. 11.00
D- 1 1	ft 1 ft	4 ft	. 29 gals.	45 lbs	
D— 2 1	ft 1 ft	8 ft	. 58 gals.	75 lbs	
D- 3 2	ft 1 ft	6 ft	. 89 gals.	85 lbs	
D- 4 2	ft 1 ft	8 ft	.119 agls	110 lbs	
D— 5 2	ft 1 ft	10 ft		135 lbs	

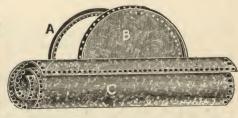
Round Tanks.



No.	Diameter.	Height.	Weight.	Capacity.	Price.
1	4 ft	2 ft	100 lbs	6 bbls	\$ 9 00
Z	4 ft	2½ ft	110 lbs	7 hhls	10 00
3	4 ft	3 ft	120 lbs	9 bbls	11.00
4	4 ft	4 ft	130 lbs	12 bbls	13 00
5	5 ft	2 ft	120 lbs	91/6 hbls	11.50
0	b It	2½ ft	130 lbs	. 12 bbls	14.00
1	5 ft	3 ft	160 lbs	14 hhls	15.50
8	5 ft	4 ft	200 lbs.	19 bble	19.00
9	6 ft	2 ft	175 lbs	14 bble	16.50
10	6 ft	21/2 ft	180 lbs.	17 bble	19.00
_11	6 ft	3 ft	225 lbs	20 bblg	20.00
12	6 ft	4 ft	270 lbs	97 bbls	25.00
43	6 ft	5 ft	300 lbs	24 bbla	30.00
48	5 ft	8 ft	340 lbs		36.00
					00.00

Knocked Down Round Galvanized Steel Storage Tanks.





A-Upper Rim. B-Bottom. C-Side

All tanks No. A-7 to A-30 inclusive are shipped knocked down, unless directed to be set up and finished and shipped on flat car at the buyer's expense of a higher freight rate. All other tanks of the different lists are shipped all finished unless otherwise directed. In shipping tanks knocked down we put the bottom on by placing around it an angle iron riveted to bottom and with rivet holes punched and all fitted to receive the side. Any tank not over 7 feet in diameter, the bottom goes all in one piece while the side of all of them is put together and soldered except one seam, then rolled up for shipment so that at destination all that is necessary to put it together is to lay bottom right side up and stand the roll of side on it, bottom end down, and as it is unrolled rivet fast to angle on the bottom, matching the first rivet-hole marked by a V with a like marked ivet-hole of the bottom. Then rivet up the side seam and put on the rim in one rivet-hole of which will be found a wire tied in which indicates the rivet-hole it matches in side marked as before stated. Then the joints put together should be thoroughly soldered with a heavy soldering iron to insure thorough soaking in of the solder. Solder joints on both sides as you see the others are. No others make a knocked down tank so easily to finish as we do. Everything to complete the work accompanies the tank.

Tanks in all the lists of this sheet, the prices are based on 20 gauge material before the sheets are galvanized, and the galvanizing adds two more

gauges to the thickness.

We furhish any tank in our different lists made of 18 to 16 gauge material before being galvanized, at prices as follows: For 18 gauge add to the list price 20 per cent. and for 16 gauge add 40 per cent. to list price, which makes list price of heavier tanks than 20 gauge.

SIZES AND PRICES AS FOLLOWS:

No. Diam. Height, Capacity, Weight, Price. Feet. Gallons. Lbs.	No. Diam. Height, Capacity, Weight, Price. Feet. Gallons. Lbs.
a-75 81425350\$40.00	a-18 810 .3760 990.\$ 88.00
a-86 81690400 45.00	a-20 81037601130. 85.00
a-107 82300525 54.00	a-21101058701350. 115.00
a-128 83000700 65.00	a-23 6 61250 275. 35.00
$a-135\frac{1}{2}10178555555.00$	a-24 8 51885 550. 45.00
a-14610211567567.00	a-25 8 62260 625. 53.00
$a-156\frac{1}{2}10248572570.00$	a-2610847001100.90.00
a-167 102875775 77.00	
Discount	Per Cent.

Shallow Tanks with Large Diameters.

No. Diameter. Height Capace a-27. 8 ft. 2 ft. 24 l a-28. 8 ft. 2½ ft. 30 l a-29. 10 ft. 2 ft. 37½ l a-30. 10 ft. 2½ ft. 46 l	bls
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Points to be Remembered When Ordering Tanks.

Any shaped tank wanted or dimensions not named in this list we furnish at proportionate prices with corresponding sizes. To ascertain the size of an oblong square end or round end tank, multiply the square feet by 71/2-one square foot holds 71/2 gallons of water-311/2 gallons one barrel.

Any of the oblong round or square end tanks may be shipped knocked down as shown on other side and are easier set up than a wood tank.

The proper way to insert pipes is by using two lock nuts and leather washer. We tap holes in tanks wanted free, but they are easily cut with a chisel against a block of wood.

Tanks Shipped Knocked Down.

Tanks to be shipped but a few hundred miles it is advisable to ship them all finished and set up; but for shipments, for instance, west of the Missouri river, and very long distances to save freight as it is very low, being third class on tanks knocked down, it is advisable to ship them knocked down and as we prepare them for knocking down the work of putting together is a very easy matter and two men can put together and finish the largest tank in any of these lists in five hours and have it ready for use. The same directions as those for putting together large storage tanks will apply to any other tank in the different lists. We are the oldest steel tank makers in the business and we know how to make and brace any sized tank for the strain it is intended, and those getting a tank from us get a tank properly constructed and guaranteed when all finished in our shops. Tanks shipped knocked down are also guaranteed except the soldering, which of course we have not done, but we suggest that one who fully understands soldering be engaged and him cautioned to use a heavy soldering iron and thoroughly soak in solder and see no blow holes are left and you are all right.



SECOND PART.



Cornices

Letters
Gable Ornaments
Window and Door Caps
Hip Caps
Galvanized Iron Crestings
Artistic Cresting Blocks

Skylights

Metallic Cresting Blocks and Finials
Ornamental Galvanized Ridgings
Round Ridge Roll
Finials
Expanding Metal Lath

Ornamental Conductor Heads



Made of Galvanized Sheets.

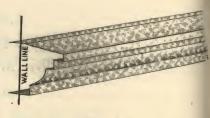
The following illustrations are intended to convey an idea of the character of work we manufacture, and for parties to select from who may not have chosen or prepared special designs of their own.

Will find it to their interest to handle our Cornices, since it will enable them to secure profitable work at times when they are obliged to submit figures on Cornice work in connection with other work on the same building.

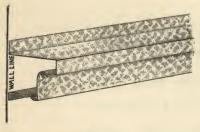
Lintel Cornices.



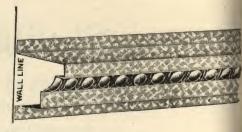
No. 78. Height 41/4 in.; projection 31/2 in.; girt 12 in. Price per foot, \$0.12,



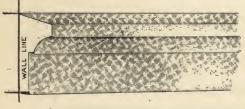
No. 79. Height 41/4 in.; projection 31/2 in.; girt 12 in. Price per foot, \$0.12.



No. 80. 14 in. Price per foot, \$0.14.

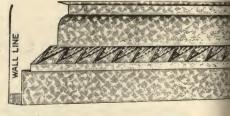


No. 81. Height 4 in.; projection 3% in.; girt Height 7 in.; projection 5 in.; girt 18 in. Price per foot, \$0.27.



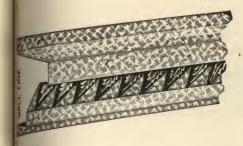
No. 82. Height 7 in.; projection 4½ in.; girt 16 in. Price per foot, \$0.16.

Discount.....



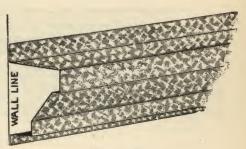
No. 83. Height 12 in.; projection 81/2 in.; girt 20 in. Price per foot, \$0.30,Per Cent.

Lintel Cornices.



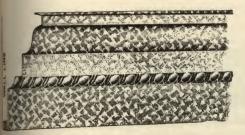
No. 86.

Height 8 in.; projection 6 in.; girt 20 in. Price, per foot, \$0.30.



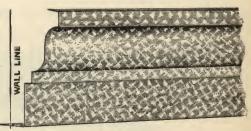
No. 87.

Height 8 in.; projection 6 in.; girt 20 in. Price, per foot, \$0.20.



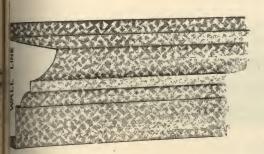
No. 88.

Height 12 in.; projection 8% in.; girt 20 in. Price, per foot, \$0.30.



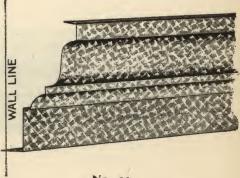
No So

Height 12 in.; projection 8 in.; girt 20 in. Price, per foot, \$0.20.



No. 90.

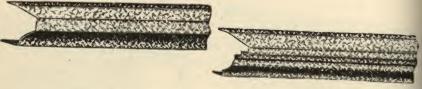
Height 11 in.; projection, 7 in.; girt 24 in. Price, per foot, \$0.24.



No. 91.

Height 12 in.; projection 7½ in.; girt 20 in. Price, per foot, \$0.20.

Galvanized Belt Moulding.



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Fig. 84.	Fig. 85.
Height	D. 4 4 10.

Cornices.

MADE OF GALVANIZED IRON.

The following illustrations are intended to convey an idea of the character of work we manufacture, and for parties to select from who may not have chosen or prepared special designs of their own.

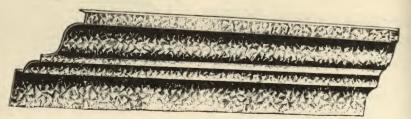


Fig. 92.

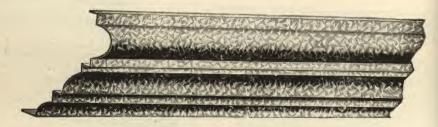


Fig. 93.

Figs.	92	and	03	PRICE LIST,	
Figs.	92	and	93.	Height	S.
Figs.	92	and	93.	Projection. 20 inche Price, per foot. 12 inche 45 cents.	s.
			,	45 cents.	
				DiscountPer Cent.	



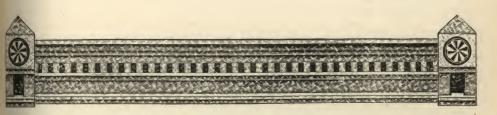
No. 300.

Height 18 inches.	projection 8 inches,	price per	foot	\$0.60



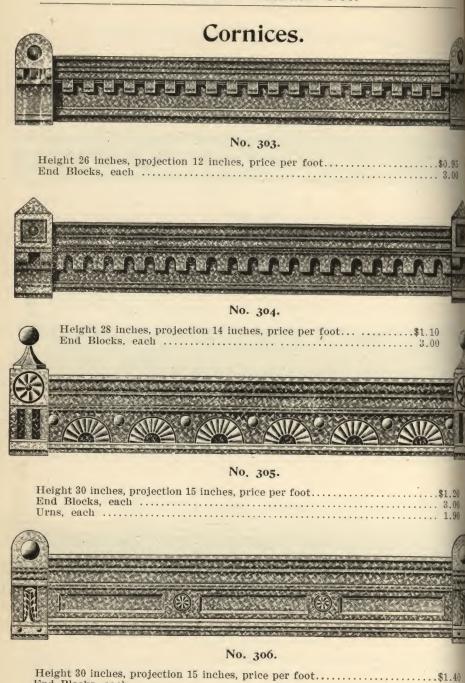
No. 301.

Height 20 inches, projection 10 inches, price per foot	\$0.75
End Blocks, each	2.60

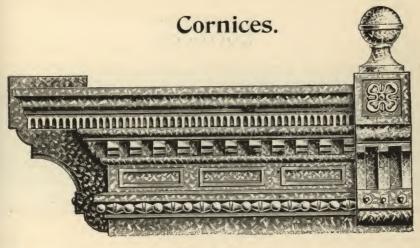


No. 302.

Height 24 inches	projection	12 inches ,pric	e per foot	\$0.85
End Blocks, each	1			2,60



End Blocks, each....



No. 325.

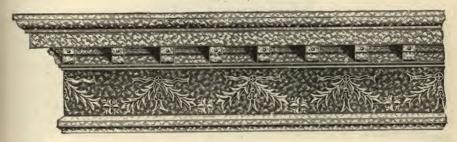
Height 36 inches. Height 42 inches. Projection 18 inches. Price per foot \$2.50.

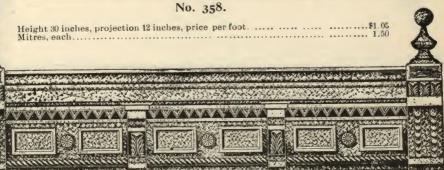
— Urns each \$3.00.

Projection 21 inches. Price per foot \$3.00.

Urns each \$3.50.

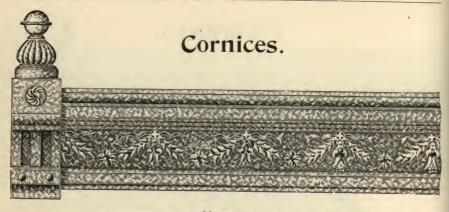
End blocks each \$6.00. End blocks each \$6.50.





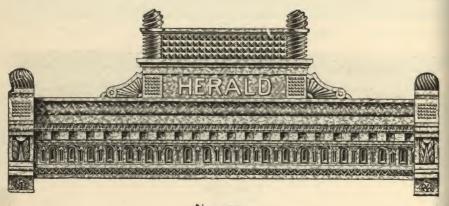
No. 316.

Height 36 in rojection 20 in.	Price per foot	\$1.85
End Blocks, each	***************************************	5.00
Urns, each	***************************************	1.85

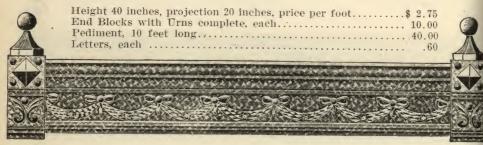


No. 356.

Height 26 inches, projection 12 inches, price per foot	80	
EMIC Blocks, each	00	
Urns, each	2.75	

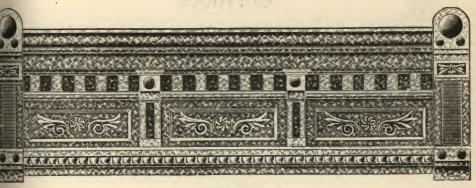


No. 359.

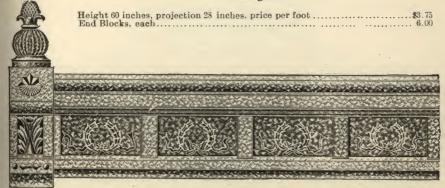


No. 310.

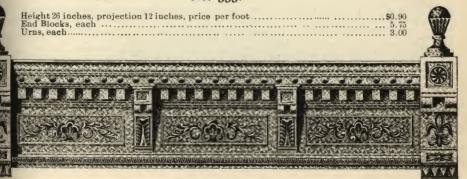
Height 26 inches, projection 12 inches, price per	r foot\$0.70
End Blocks, each	3.50
Urns, each	



No. 308.

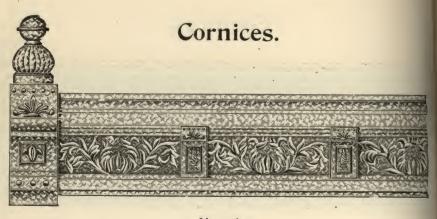


No. 355.



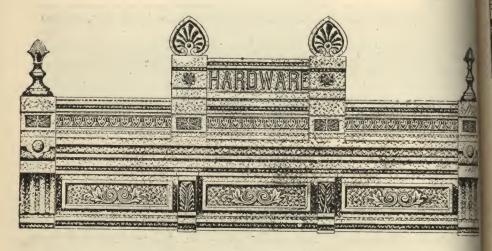
No. 309.

ght 46 inches, projection 26 inches, price per foot	\$3.25
ad Blocks, each	6.00
ms, each	2.00



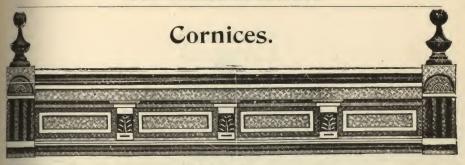
No. 360.

Height 26 inches, projection 12 inches, price per foot	 	 	\$1.	30
End Blocks, each	 	 	5.	40
Urns, each			2	25



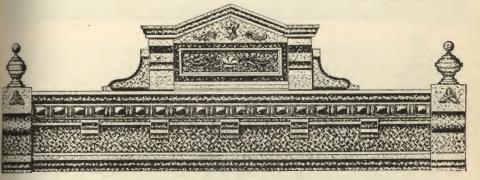
No. 350.

Height 45 inches, projection 16 inches, price per foot	.\$ 3.60
Pediment	. 12.00
Letters, each	60
End Blocks, each	. 7.00
Urns, each	2.00



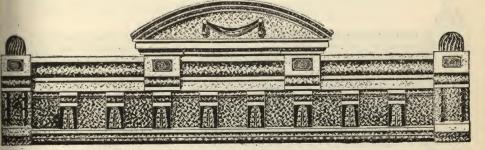
No. 408.

Height 30 inches,	projection 15	inches, price	e per foot	 \$1.35
End Blocks, each				 4.00
Urns, each				 1.25



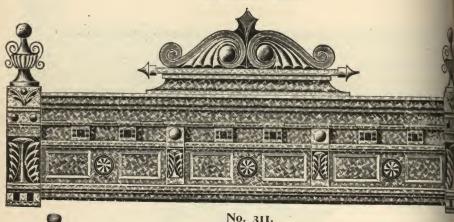
No. 352.

Height 28 inches, projection	14 inches, price per foot	\$ 1.20
Pediment		14.00
End Blocks, each		4.00
Urns, each		1.75



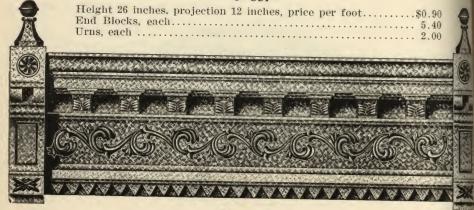
No. 351.

Height 30 inches.	projection 15 inches, price per foot\$1	1.45
End Blocks, each		1.00
Urns oach		2.25
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	No. 311.
Ā	Height 48 inches, projection 24 inches, price per foot 3.5
	Urns, each
	End Blocks, each
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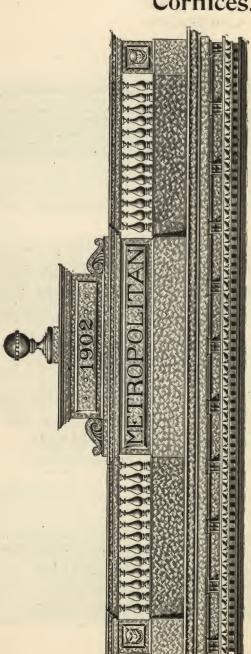
No. 357.



No. 307.

Height 48 inches, projection 24 inches, price per foot.\$3.00End Blocks, each7.00Urns, each1.90

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W A	MILWAUKEE	W W
End Bloc Urns, eac Letters, e	No. 364. 6 inches, projection 12 inches, price per foot	4.25 90 60
Height 4: Mitres, e	No. 365. 12 inches, projection 24 inches, price per foot	\$2.75
\$205% Security	203102030000000000000000000000000000000	
Height 36 Mitres, e	No. 366. 6 inches, projection 24 inches, price per footeach	\$2 20
Height 4: Mitres, e	No. 367. 12 inches, projection 24 inches, price per footeach	\$3.15
	DiscountPer Cent.	



No. 312.

Total height to top of Balustrade 69 inches, height of Pediment 24 inches. Height of Cornice 30 inches, projection 24 inches.

Estimates made on any style of Galvanized or Copper Cornice when details and specifications Price of above cornice quoted on receipt of measurements giving length of cornice wanted. Length of Pediment including side ornaments 9 feet,

are furnished us.

WRITE FOR PRICES.

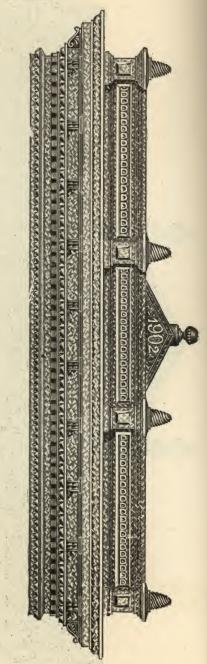


No. 353

60	Pediment height 48 inches, length 8 feet, price complete with posts and urns	End Blocks and Trusses, each	
Height 48 inches, projection 24 inches, price per foot\$	60	-	
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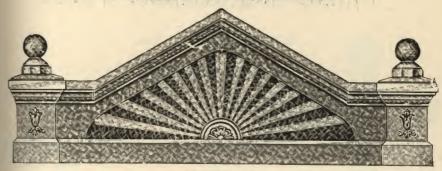
09



0. 354.

Mitres, each Letters, each Frice per foot on Cornice only with front Balustrade..... Height of Cornice 36 inches, projection 24 inches, height of Balustrade 22 inches, price per foot............ 4.50

Cornice Pediments.



No. 361.

Length 9 feet, height in center 3 feet 2 inches, price \$28.00



No. 362.

Length 8 feet, height in center 4 feet, price \$27.50. Letters each \$0.60. Can be used on either style of Cornice and Front.



No. 363.

Length 8 feet 8 inches, height 3 feet 1 inch, price \$41.00.

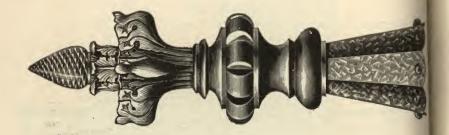
Finials and Weather Vanes.

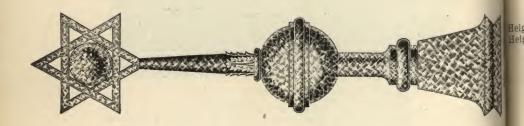
Made of Galvanized Iron.

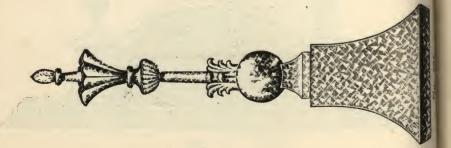
We are prepared to execute this class of work on short notice.

When ordering Finials, state whether base is to be square, round or octagonal and give pitch of roof.

Crating is charged for on all Finials at cost.







Discount......Per Cent.



No. 205.







No. 207.

 No. 206—Height 4
 feet 8 inches.
 Price, each, \$20.0

 No. 207—Height 3½ feet
 Price, each, 5.50

Discount......Per Cent.





No. 209.

No. 208—Height 6	feet.	 ice, each, \$14.00
No. 209—Height 6	½ feet .	 ice, each, 18.00

Discount.....Per Cent.



No. 210.

Height 5½ feet, each, \$9.00



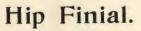
Height 51/2 feet, each, \$9.00

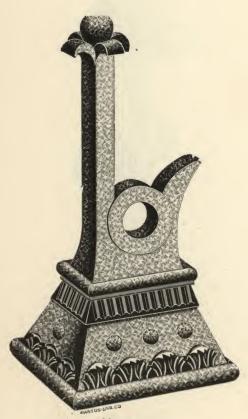
Discount......Per Cent.



No. 212. Height 6 feet, each, \$9.00







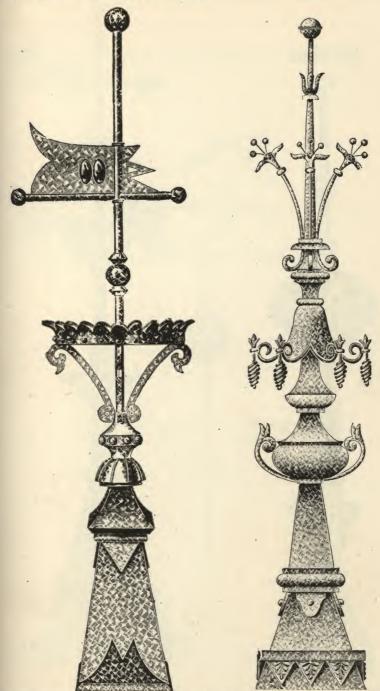
No. 214.

 No. 214—Height 4½
 feet.
 Price, each, \$18.00

 No. 215—Height 7
 feet.
 Price, each, 11.00

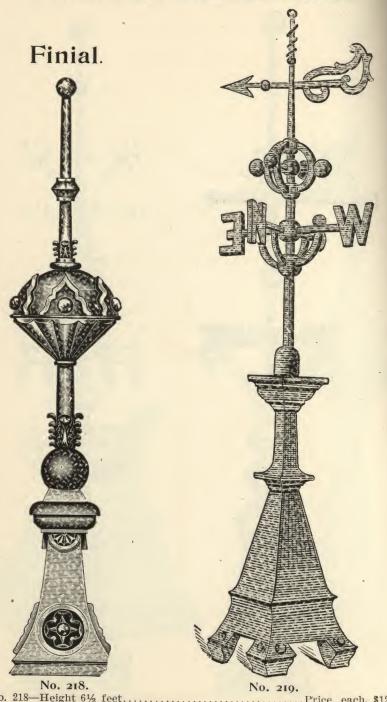
 Discount.
 Per Cent.



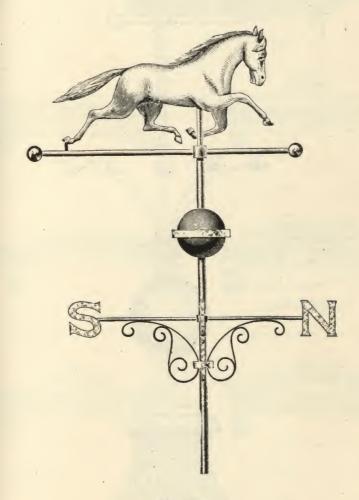


No. 217—Height 7 feet, each, \$30.00Per Cent. No. 216—Height 7 feet, each, \$17.00 No. Discount.....

Finial and Weather Vane.

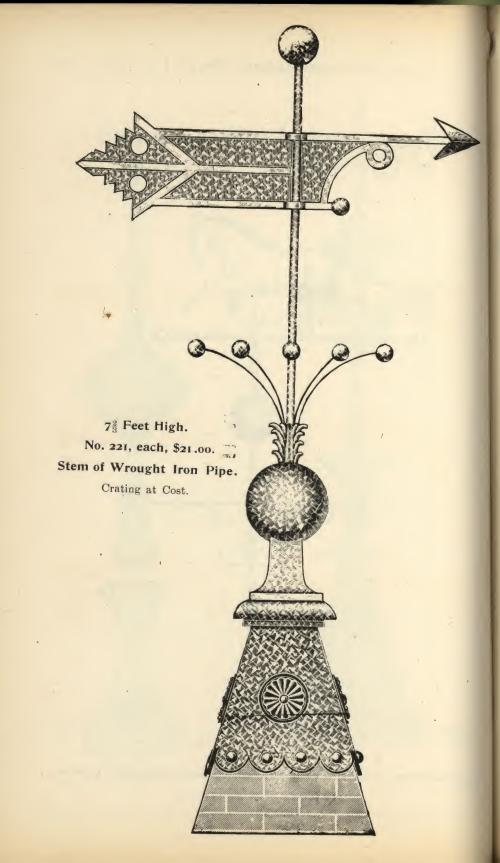


Finials and Weather Vanes.

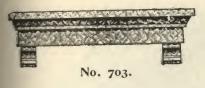


No. 220.

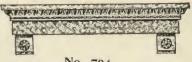
Height 3 feet	Price, complete, each, net	.:\$15.00
Horse, 21% incl	es long, with plain rod. Price, each, n	iet 8.00



Window Caps.



Price, each.....\$2.00

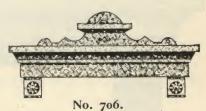


No. 704.

Price, each.....\$4.00



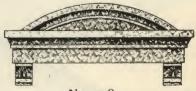
Price, each.....\$2.50



Price, each.....\$3.75



Price, each.....\$3.50



No. 708.

Price, each.....\$4.00



Price, each.....\$3.75



Price, each.....\$4.25

Discount.....Per Cent.

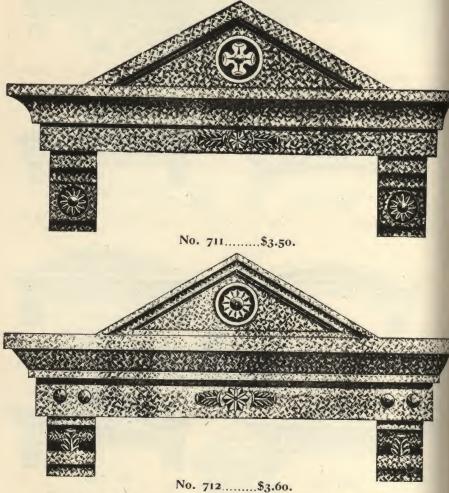
Above prices for all Openings not over 38 inches wide.

Give exact size of Opening.

Other styles and sizes made on receipt of details and specifications.

Window and Door Caps.

Made of Galvanized Iron.



Prices for window and door caps are for openings 32 to 42 inches in width between brick work. Other sizes will be charged extra. The square head window and door caps as illustrated can be changed to segment head caps at an expense of 75 cents each additional.

DIRECTIONS FOR ORDERING WINDOW AND DOOR CAPS.

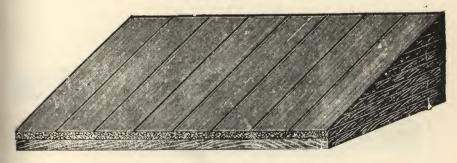
Orders should specify if caps are wanted for square, segment or circular head openings. For segment or circular head openings give radius.

Always state width of opening between brick work in inches, and give the

distance the frame is recessed from face of wall.

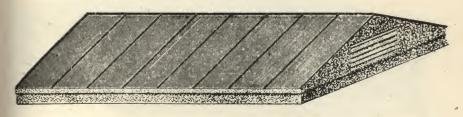
State if caps are to be built in brick work or put on building already erected, as a difference in construction of cap is necessary.

Skylights.



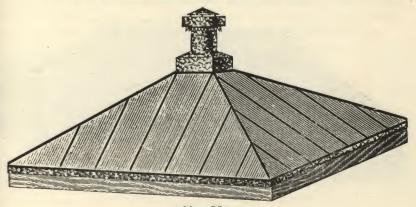
No. 88o.

Single Pitch.—Is hinged when required and used as a Scuttle. Wood curb not furnished.



No. 881.

Double Pitch.—Has stationary Louvre Ventilator on each end.



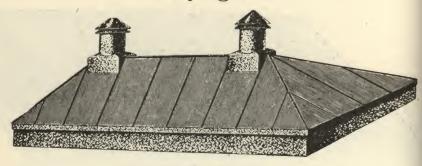
No. 882.

Square Hipped.—Has one Ventilator and Damper.

Order by Number Only.

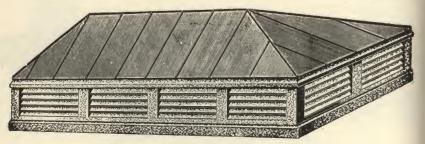
For Price List of Skylights see Page No. 109.

Skylights.



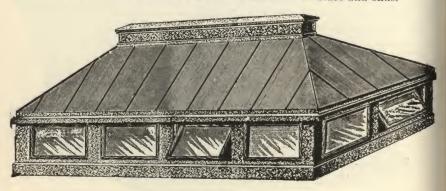
No. 883.

Hipped.—Has two Ventilators. State with or without Tubular Ventilators.



No. 884.

Hipped Turret.—Has Stationary Louvre Ventilators on sides and ends.



No. 885.

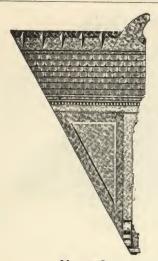
Hipped Turret.—Has Ridge Ventilator and Movable Side Slasher, with Locking Apparatus.

Order by Number Only.

For Price List of Skylights see Page No. 109.

Price List of Skylights.

No. 880 Single Pitch.										
Size 3x3 ft \$ 6.50 Size 4x 6 ft \$12 50 Size 6x12 ft \$30.25 Size 3x4 ft 8.00 Size 4x 8 ft 15.25 Size 6x14 ft 34.25 Size 3x5 ft 9.00 Size 5x 9 ft 15.50 Size 8x10 ft 33.50 Size 3x6 ft 9.75 Size 5x10 ft 22.50 Size 8x12 ft 38.00 Size 4x4 ft 9.00 Size 6x 8 ft 22.25 Size 8x14 ft 43.00 Size 4x5 ft 11.00 Size 6x10 ft 26.25 Size 8x14 ft 43.00										
No. 881 Double Pitch.										
Size 3x3 ft \$ 9.50 Size 4x 6 ft .\$17.00 Size 6x12 ft .\$40.00 Size 3x4 ft 11.25 Size 4x 8 ft 20.50 Size 6x14 ft 46.50 Size 3x5 ft 13.00 Size 5x 9 ft 26.00 Size 8x10 ft 44.00 Size 3x6 ft 14.50 Size 5x10 ft 30.25 Size 8x12 ft 51.00 Size 4x4 ft 13.50 Size 6x 8 ft 29.75 Size 8x14 ft 58.00 Size 4x5 ft 16.00 Size 6x10 ft 36.50 Size 8x14 ft 58.00										
No. 882 Square Hipped, One Ventilator.										
Size 3x3 ft \$ 9.50 Size 7x 7 ft \$37.00 Size 4x4 ft 15.75 Size 8x 8 ft 44.00 Size 5x5 ft 25.00 Size 9x 9 ft 52.00 Size 6x6 ft 30.00 Size 10x10 ft 58.00										
No. 883 Hipped, Two Ventilators.										
Size 3x3 ft. \$10 00 Size 4x 6 ft. \$24.75 Size 6x12 ft. \$48.75 Size 3x4 ft. 12.75 Size 4x 8 ft. 30.00 Size 6x14 ft. 54.25 Size 3x5 ft. 15.00 Size 5x 9 ft. 35.50 Size 8x10 ft. 52.50 Size 3x6 ft. 17 00 Size 5x10 ft. 38.00 Size 8x12 ft. 58.00 Size 4x4 ft. 16 25 Size 6x 8 ft. 37.75 Size 8x14 ft. 61.00 Size 4x5 ft. 22.50 Size 6x10 ft. 43.50 Size 8x14 ft. 61.00										
No. 884 Hipped Turret, Stationary Louvre Ventilator.										
Size 3x3 ft \$17.00 Size 4x 6 ft \$35.75 Size 6x12 ft \$72.50 Size 3x4 ft 21.50 Size 4x 8 ft 40.75 Size 6x14 ft 80.50 Size 3x5 ft 24.75 Size 5x 9 ft 45.50 Size 8x10 ft 76.25 Size 3x6 ft 28.50 Size 5x10 ft 57.25 Size 8x12 ft 84.76 Size 4x4 ft 25.75 Size 6x 8 ft 54.50 Size 8x14 ft 90.00 Size 4x5 ft 31.00 Size 6x10 ft 65.00 65.00 65.00										
No. 885 Hipped Turret, Ridge Ventilator and Side Sasher.										
Size 3x3 ft \$19.25 Size 4x 6 ft \$50.25 Size 6x12 ft \$88.50 Size 3x4 ft 27.25 Size 4x 8 ft 59.00 Size 6x12 ft 96.50 Size 3x5 ft 34.50 Size 5x 9 ft 65.50 Size 8x10 ft 94.75 Size 4x4 ft 37.00 Size 6x 8 ft 69.75 Size 8x12 ft 108.00 Size 4x5 ft 43.25 Size 6x10 ft 80.00 Size 8x14 ft 112.00										



Dormer Window.

Made of Galvanized or Copper.



No. 799 Front View.

No. 798. Side View.

Price according to size.

Estimates furnished on receipt of Detail Plans of any design.



No. 800.

Height 48 inches, length of Ridge 24 inches, price.

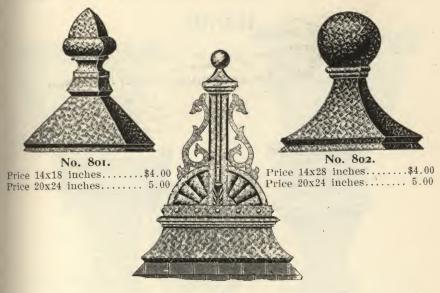
Height 48 inches, length of Ridge 35 inches, price.

Add 20 cents for each additional inch length.

Discount......Per Cent.

When ordering always give pitch of roof and length of Ridge.

Hip Caps and Tower Ornaments.

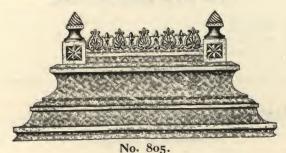


No. 803.

Height 36 inches, length of Ridge 12 inches, price.....\$16.00



Height 17 inches, length of Ridge 12 inches, price.....\$8.00



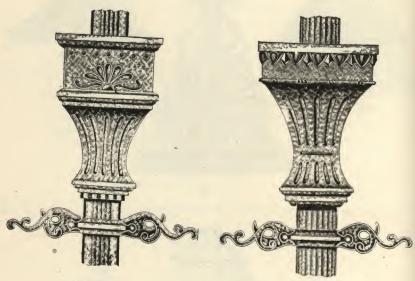
Discount......Per Cent.

When ordering, always give pitch of roof and length of Ridge.

Ornamental Conductor Heads and Bands.

Made of No. 26 Galvanized.

For Round or Square Corrugated or Plain Conductor.



Style D.

Style E.

PRICE LIST.

Either Style, Round or Square.

2 inch, each	, complete\$2.50
3 inch, each	complete
4 inch. each	complete 3.00
5 inch oach	complete
o men, each,	complete

Discount......Per Cent.

In ordering state whether for Round or Square Conductor.

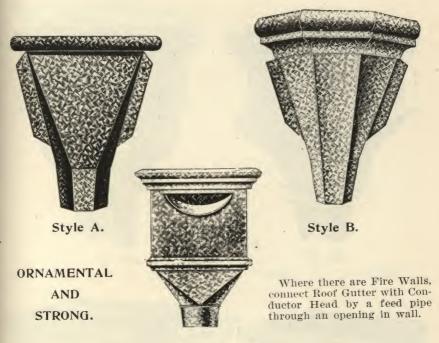
Galvanized Conductor Bands.

Round or Square.

2	inch,	each		 			 						 	 	 									90	9	20
0	пеп,	each		 			 				 														A	LD.
T	111(11)	cach			 	 	 	٠																	5	(0)
5	inch,	each	٠.			 	 						 									•	• •		6	0

Discount......Per Cent.

Conductor Heads.



Style C.

For 3 inch Pine each

PRICE LIST.

No. 28 Gauge Galvanized and IX Terne Plate.

Style A.

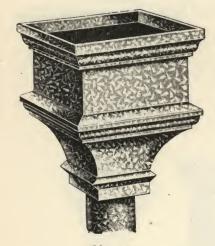
For 5 inch Pipe, each......\$....

	each			inch Pipe,		
1		Style	B.			
	each		For 5 i	inch Pipe, inch Pipe,	each	\$
		Style	C.			
	each	\$		inch Pipe, inch Pipe,	each	\$
		th overflow, 50				
	Discount	Galvanized .		Per	Cent.	

Prices on Heavy Gauge Galvanized and Copper Conductor Heads quoted on application.

Conductor Heads.

Made of Galvanized Iron.



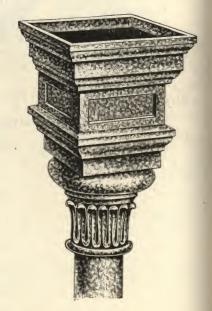
No. 2.



Each.....\$6.00



No. 6.



No. 8. Each......\$6.50 Each.....\$7.00

Price for Copper Quoted on Application.

Conductor Heads.



No. 10.

Each.....\$5.50



No. 12.

Each.....\$4.50



No. 14.



No. 16.

Each......\$6.00 Each.....\$5.50

Scale, one inch to the foot.

OTHER STYLES MADE TO ORDER.

Round Ridge Roll.

Made of Galvanized and Painted Steel. Unless Otherwise Specified, we Ship Two-inch Galvanized.



PRICE LIST.



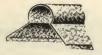
11/2-inch Ridging.

	Per Foot
Diameter of Roll	.11/2 inches.
Width of Apron	
Girt	.8 inches.
No. 28 Galvanized	\$0.16
No. 28 Painted	



2-inch Ridging.

	Per Foot.
Diameter of Roll2	inches.
Width of Apron21	/2 inches.
Girt	
No. 28 Galvanized	\$0.19
No. 28 Painted	17



21/2-inch Ridging.

-/2 men kinging.	
	Per Foot.
Diameter of Roll21/2	inches.
Width of Apron3	inches.
Girt12	inches.
No. 28 Galvanized	
No. 28 Painted	21



3-inch Ridging.

00.	5 men klaging.
Per Foot.	Per Foot.
$\dots 2\frac{1}{2}$ inches.	Diameter of Roll inches.
3 inches.	Width of Apron3½ inches.
.12 inches.	Girt14 inches.
\$0.23	No. 28 Galvanized\$0.28
	No. 28 Painted
Discount	Per Cent.

V Angle Ridge Cap.

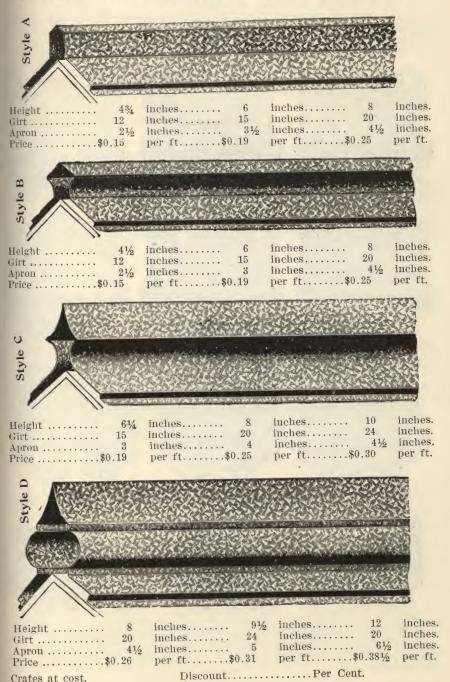
Made of Galvanized and Painted Steel. In Three Sizes.



3½ inch Apron.	Girt, 6 inches. Girt, 7 inches. Girt, 8 inches.	\$0.13 .14 .16	No 23 Painted \$0.11 .12 .14
	Discount	.Per Cent.	

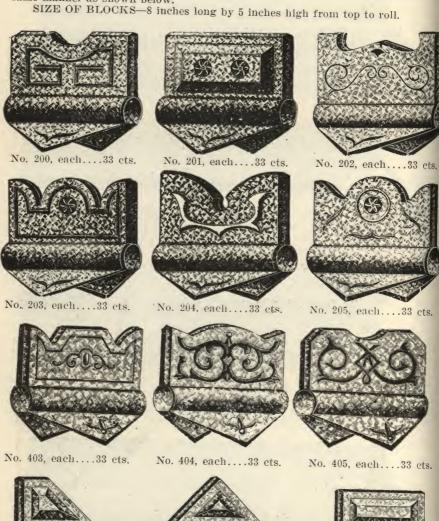
Prices on any of the above in heavier gauges quoted upon application.

Ornamental Galvanized Ridgings.



Metallic Cresting Blocks.

The Cresting Blocks as shown herewith are entirely new and original in design and made of Galvanized Iron to fit 2 inch Ridge roll. Are applied in same manner as shown below.



No. 400, each....21 cts. 6 inches long.

No. 401, each....21 ets.

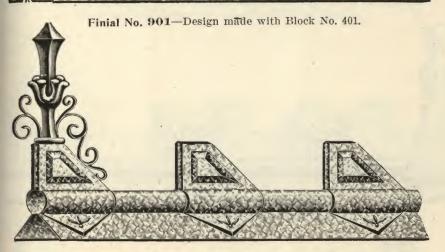
71/2 inches long.

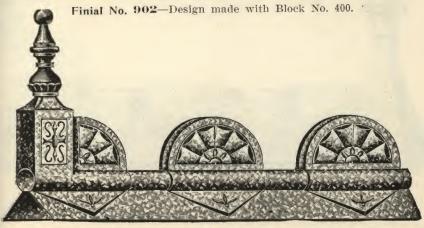


No. 402, each....21 cts. 7 inches long.

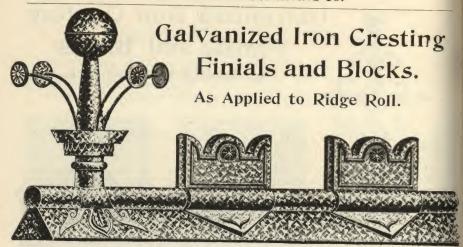
Discount......Per Cent.

Galvanized Iron Cresting Finials and Blocks. As Applied to Ridge Roll.

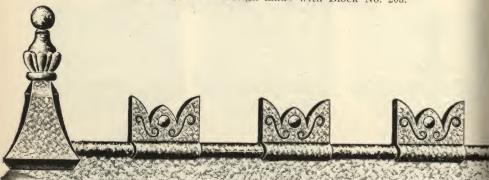




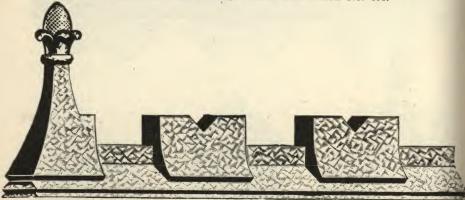
Finial No. 903-Design made with Block No. 407.



Finial No. 904-Design made with Block No. 203.

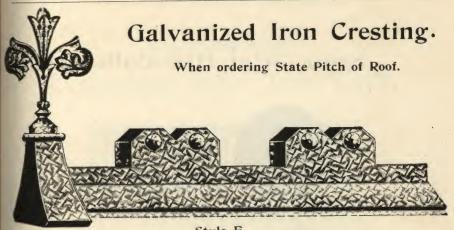


Finial No. 905-Design made with Block No. 406.



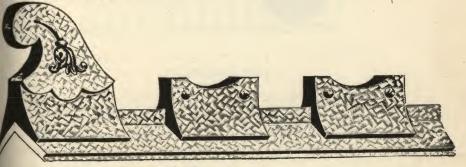
Style H.

Cresting, height, 11 inches; width of apron, 6 inches.	
Price, per foot	\$0.50
Style H Finial, height 24 inches, each	9' 50



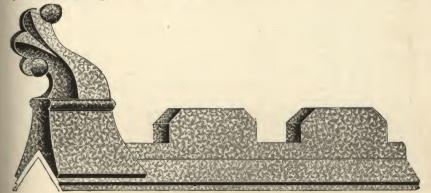
Style E.

Cresting, height 11 inches,	width of apron 6 inch	es, per foot	.\$0.55
Style E Finial, height 29 in	ches, each		. 2.75



Style 1.

Cresting, height 11 inches,	width	of apron	6 inches,	per	foot	\$0	.70
Style L Finial, height 20 i							



Style F.

Cresting, height 11 inches, w	idth of apron	inches, per	foot	\$0.44
Style F Finial, height 22 inc	hes, each			3.25

Spun Metal Half-Balls.

Made in Copper.

Made in Zinc.

12 Inch.

4 Inch

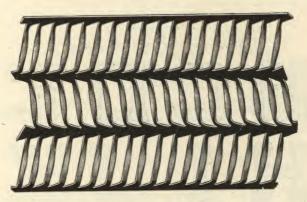
8 Inch.

PRICE LIST.

Size.	Per Hundred.	Zinc.	Copper.
1 ind 1¼ ind 2½ ind 2½ ind 3 ind 3 ind 3 ind 4 ind 5 ind 6 ind 7 ind 8 ind 9 ind 10 ind 11 ind 12 ind 14 ind 16 ind 20 ind 21 ind 22 ind 4 ind 5 ind 6 ind 7 ind 8 ind 9 ind 10 ind 11 ind 12 ind 14 ind 16 ind 17 ind 18 ind 19 ind 10 ind 11 ind 12 ind 14 ind 16 ind 17 ind 18 ind 19 ind 10 ind 11 ind 12 ind 14 ind 16 ind 17 ind 18 ind 19 ind 10 ind 11 ind 11 ind 12 ind 14 ind 15 ind 16 ind 17 ind 18 ind 19 ind 10 ind 11 ind 11 ind 12 ind 14 ind 15 ind 16 ind 20 ind 21 ind 21 ind 21 ind 21 ind 21 ind 22 ind 24 ind 24 ind 24 ind 25 ind 26 ind 27 ind 27 ind 27 ind 28 ind	th Half Balls. th Half Balls.	\$ 0.80 .90 1.05 1.65 1.95 2.40 3.00 4.10 5.75 8.25 9.75 14.00 15.50 19.00 31.50 51.00 82.00 150.00 225.00 295.00 400.00	\$ 1.50 1.75 2.10 2.75 4.50 5.50 7.50 9.75 14.25 18.50

Please state whether Goods are to be Shipped by Freight or Express.

"Herringbone" Expanding Steel Metal Lath.



No other metal lath has so many good qualities as "HERRINGBONE."

A few "Pointers" on "Herringbone."

EXTREME RIGIDITY.

Entire Freedom from Buckling,

No time lost in stretching sheets before fastening.

Uniform, Even Edges,

No overlapping and consequent waste.

Can be Applied more Cheaply

Than any other lath, because of its uniform character.

Liberal Measurement.

Sheets 14x96 inches sold for one square yard—a gift to you of 333 square feet in every thousand yards. "HERRINGBONE."

Is self-furring—the ribs make it so.

For Ceilings,

Perfection is found only in our special flat "Herringbone," made for ceilings. It does its work. Plaster cannot be separated from flat 'Herringbone," except by main force.

For Solid Partitions,

Rigidity combined with its uniform, flat surface and ease with which plaster envelopes it and stays there, makes "Herringbone" the only lath.

Price per square yard cts.

Letters and Figures.

Full Block Size.

These Letters and Figures are stamped in copper and zinc, and are intended for cornice makers and sign painters. When used on wooden signs they are tacked on the wooden background with light wire nails. Prices quoted are for zinc.

Made in 6 to 12 Inch Sizes.

PRICE LIST.

⁶ inch size, Roman Style, each, 38 cents.

¹² inch size, Roman Style, each, 70 cents.

⁸ inch size, Full Block Style, each, 42 cents.



THIRD PART.



Steel Roofing

ALL STYLES

Corrugated Iron Corrugated Arches
Beaded Siding and Ceiling
Waterboard Siding

Plain and Rock Face Brick Siding

Rock Face Stone Siding
Rock Face Window and Door Caps
Rock Face Pilasters
Continuous Rock Face Stone
Iron Doors and Shutters
Cortright Metal Shingles
Prepared Roofing Felt
Barbed Roofing Nails

Ornamental Steel Ceilings.



SHEET METAL

-FOR-

Roofing, Siding, Ceiling.

TO THE TRADE:

The combined merits of Sheet Metal for building purposes are its cheapness and durability; ease of application; protection against fire and the fact that there is no case on record where a building covered with Steel or Iron has been damaged by lightning.

One of the strongest arguments that can be advanced in favor of Sheet Metal is, its continued use and large increase in demand during the past quarter of a century or more.

We invite your attention to the information and illustrations on the following pages, believing that we can serve you in a manner that will be mutually advantageous, because the closest attention is given to the workmanship and quality of the material put into our products, and, therefore, everything we manufacture is of the highest order.

There are many people who recognize that the best is the cheapest, and it is to this class we cater. The purchaser selecting our goods (which are standard everywhere—a guarantee of excellence) always receives better value than by using something imitative of ours.

We make prices as low as consistent with the cost of production.

Rules of Measurement.

In Selling Sheet Metal Building Material.

All Iron and Steel Roofing, Siding, Ceiling, etc., except Galvanized material, is painted both sides, unless otherwise ordered.

All Iron and Steel Roofing, Siding and Ceiling, are sold by the square (100 square feet), except Corrugated Iron, which is sold by the square or pound, as preferred.

A Square consists of 100 square feet, and is calculated by the following rules of measurement.

Corrugated (Iron or Steel) and Imitation Brick.—The full width and length of sheets, after being corrugated or formed, is calculated.

V Crimped, Beaded, Weather Boards (Iron or Steel.)—The Full length of sheets together with the actual covering width is calculated.

Standing Seam Steel Roofing.—The actual covering width and full length is calculated, whether the sheets are connected by end locks and shipped in rolls, or be separate and shipped in crates.

Wide Gutters and Valleys. -The full width and length of material is calculated.

Nails, Wood Strips, Dry Paint and Ready Mixed Paints, are sold by the pound, gallon or square (the amount generally required in applying a square). They are not included in the price quoted on the Sheet Iron or Steel, but are charged as separate items when furnished.

Ridge Rolls, Ridge Cap, Corrugated Wood Strips, Corner Boards, Panel Strips, Window and Door Case Coverings, Mouldings, Stylings, Eaves Trough Conductor, Pipes, etc., are sold by the lineal foot, and not included in prices quoted on Sheet Iron and Steel, but when furnished are charged separately.

WEIGHTS.

The weights of Iron and Steel Sheets before being painted are based on U. S. Standard Gauge as follows:

Approximate Weights Corrugated, Beaded and V Crimp.

Painted Galvanized	69 lbs.	77 lbs.	84 lbs.	111 lbs.	No. 22 138 lbs. 154 lbs.	165 lbs.	220 lbs.	275 lbs.
			D			GAT	VANIZED	

	PAINTED.	GALVANIZED.			
Weather Boarding.	No. 28, 74 lbs. No. 27, 82 lbs.	No. 28, 91 lbs. No. 27, 98 lbs.			
Standing Seam	No. 28, 71 lbs. No. 27, 78 lbs.	No. 28, 89 lbs. No. 27, 96 lbs.			
Roll and Cap	No. 28, 74 lbs. No. 27, 82 lbs.	No. 28, 91 lbs. No. 27, 98 lbs.			

Rules for Measuring.

After the Material is Applied to Building.

Roofs.—Measure the length of the roof, including the amount turned up or down at each end or gable, and multiply by the distance from eave to eave, including the material used in the ridge seam, and the material lapped either down or up at eaves.

Roofs with Hips, Valleys, Dormers, Etc.—Measure each section through the center horizontally and multiply by the length of the strip of metal at the center, and in addition to the actual surface of the roof, measure the length of hips and valleys by one foot wide. The extra measure of hips and valleys is to compensate for the extra labor and loss of material in cutting, fitting and laying same.

Openings.—Make no deductions for openings, chimneys, stacks, sky-light, dormer window, or ventilator, unless such openings measure more than 50 sq. ft.; if more than 50 sq. ft., and not more than 100 sq. ft., deduct half the size of the opening; if more than 100 sq. ft., deduct the full size of opening.

The labor to flash pipes and round stacks, whether of brick or iron, is charged extra.

The reason for not deducting otherwise than as specified is, that the waste of material and extra work in cutting and fitting the material for flashing such openings, is equal to or greater than, the value of the material cut out.

Gutters and Valleys.-Multiply full length by full width of girt.

Siding.—Multiply full length of each section by the height. Deductions.—Make no deductions for any window, door or other opening, unless said opening measures more than 10 sq. ft.; if more than 10 sq ft., and not more than 25 sq. ft., deduct one-half of such openings. If more than 25 sq. ft., deduct all such openings, except when the wood casings to the windows, doors and other openings are to be covered with iron or steel casings; in such instances, no deductions for openings are to be made, whether the openings be more or less than 10 sq. ft.

Gables.—To estimate contents of gables, multiply the width by one-half the height, or multiply the height by one-half the width.

Corner Strips.—Are charged extra by the lineal foot; the cornice is charged extra in all instances, as the price varies according to the girt of material used and style of the same.

Eaves Trough and Conductor Pipes.—Measure the entire length and add one foot extra for each Mitre, Shoe or other angle.

Flashings.—Measure all material used necessarily, including unavoidable waste, except where no deductions are authorized for openings.

Ceilings.—Multiply the length of each section by the width; separate mouldings, panel division strips, stylings, cornices and friezes are calculated by the lineal foot, extra; rosettes and other ornaments are charged by the piece; painting, other than first coat, is always charged extra. Make no deductions for openings measuring less than 10 sq. ft., if more than 10 sq. ft., deduct the full size.

Scaffolding.—Where scaffolding is necessary, the customer is to furnish all necessary materials for same free of charge, and the roofer is to construct the scaffolding free of charge.

Domes, Spires, Doors, Etc.—Measure all material necessarily used, including waste; charge for it at its value, together with cost of labor applying the material at wages agreed upon.

Material Used.

Genuine Hammered Sheet Steel

-FOR-

STANDING SEAM ROOFING

Has been given the most practical tests, and it unquestionably excels all other kinds because it has the required texture and softness, and is far more perfect and homogeneous than ordinary steel.

It has the purest of metals, practically free from imperfections, and the advantages of using it are self-evident from the very fact of its ultimate strength.

It is of paramount importance to customers that the very finest quality be used. We therefore adopt Genuine Hammered Steel, which is the most durable, most substantial, and the cheapest when the quality is considered.

A roof of such material is weather, fire and lightning proof; it furnishes no food for flames, is suitable for all kinds of buildings, can be laid over shingles, lath or sheathing, and is easily attached to any kind of valley or gutter.

We furnish Hammered Steel Sheets in the following constructed Roofs:

"Kuehn's" Folded Lock Seam. (Pages 133 and 134.)

"Old Style" Double Seam. (Page 135.)

"Milwaukee" Roll and Cap. (Page 137.)

Self-Capping Standing Seam. (Page 136.)

Pressed Standing Seam. (Page 138.)

Pressed Standing Seam with Continuous Cleats. (Page 148.)

A FIRST-CLASS METAL ROOF WILL GIVE MORE SATISFACTION THAN ANY OTHER KNOWN MATERIAL.

Steel Sheets, Painted.

A good roof is a building's crown, and in a permanent building is only second in importance to a good foundation, as it is always on duty; therefore, we give our material the well deserved protection, i. e., a coating, both sides, of pure Linseed Oil Paint.

For this purpose the standard is Iron Oxide; however, in some instances preference is given to genuine Graphite Paint (Plumbago).

All our paints are re-ground in boiled Linseed Oil, and brushes are used in applying the coating on every painted sheet of our material by which all parts of the sheet are well and evenly covered, producing the required results, which cannot be accomplished by any other method.

The quality of our paints and our manner of coating the sheets before shipment, are worthy of consideration.

Steel Sheets, Galvanized.

Are known to all metal workers as indispensable for Cornice and Ornamental work. The durability of Galvanized Steel is established, and years of experience has demonstrated its practical use for Roofing purposes. It is suitable for any climate as it is not subject to injury from natural causes. The galvanized coating gives protection to the body of the sheet.

As Galvanized Sheets may be soldered, when necessary, it makes a roof particularly adapted for flat surfaces, in this respect having a great advantage over black Steel Sheets, painted, which cannot be soldered. The difference in cost stands in favor of Galvanized Steel.

Painting.

Steel or iron, be it of the very finest quality, will rust if not protected with paint; therefore we recommend that roofing be well coated with the best quality of **Iron Oxide** or **Graphite** ground in pure Linseed Oil, as soon as applied on the building. Another coat should be applied after a period of a year, and thereafter at intervals of three to four years, as may be found necessary.

If these instructions are followed, a metal roof will last an ordinary lifetime.

Foundation and Pitch.

As the best foundation for all Metal Roofs, we recommend sheathing boards put close together (not notched), because a better job can be made. Boards need not necessarily be planed, but should be of equal thickness, particularly when only a slight pitch can be had.

On one-fourth (1/4) pitch, or more, lath may be used placed three to four inches apart.

We have had in use for many years our Kuehn's Folded Lock Seam and Old Style Double Seam on peculiarly shaped roofs. They have proven entirely satisfactory on three-fourths to one inch pitch to one foot, which by reason of their superior plan of construction are suitable for flatter surfaces than is safe for any other style. We recommend a pitch of one inch to one foot or more. No dirt will accumulate on a roof of a good pitch, and the cleanest and purest rain water may be gathered.

All structures should be such as to allow water to flow off freely and to avoid, as much as possible, difficult shaped spaces to be covered.

Felting.

Felting should invariably be used under Metal Roofing, especially when applied over foundries, engine rooms, or where steam, gas and vapors come in contact with the roofing.

We recommend its use **under all roofs**, as during frosty weather it prevents dripping when frost is melting, protects the paint on the under side of Metallic Roofs, deadens sound, and is a non-conductor of heat and cold, thus making buildings cooler in summer and warmer in winter. (See pages 188 and 189.)

Cost of Labor.

In applying, Roofing varies from twenty to fifty cents per square, owing to the size and pitch of roof. On an ordinary pitched roof one man can lay from ten to twelve squares per day, so you will readily be able to make estimate on such work; but as wages in different localities vary, use your own judgment as to the actual cost.

Compared with Shingles.

Shingles are made of such timber as cannot be used in more valuable building material. They are short-lived and neither fire nor weather-proof.

The greatest number of fires originate on the roofs, which places insurance at a very high rate; therefore, shingles are dangerous and fast growing in disfavor.

Steel and iron covering is fire-proof, and a perfect protection from the elements.

Compared with Slate.

Slate Roofing requires a steep pitch and a heavy expensive structure to support the great weight, which is almost seven times as heavy as Steel Roofing.

It will break from freezing and thawing, or from heat of adjacent fires; costs twice as much and is more expensive to keep in repair; also, the rule of measurement is always greater. Slate often causes buildings to settle out of shape.

Steel can be applied faster and on a cheaper surface.

Compared with Tin.

Tin Roofing Plates are not solid in sheets, but Steel or Iron is the base, the tin or lead being only a coating.

Tin Roofs contain from eight to ten times more cross-seams, which are soldered, and as solder is a weaker material than tin, the joints will break open from contraction and expansion and other natural causes.

Our Steel Joints are fewer, stronger and being very elastic are fully equal to the demand of contraction and expansion.

, LIGHTNING.—It is an absolute fact that lightning has never injured a building covered with Steel or Iron. The large surface of the metal scatters the electricity and renders it harmless.

INSURANCE.—Metallic covered buildings reduce the rate of insurance fully one-third.

Kuehn's Folded Lock Seam Steel Roofing.



Excels all other Metal Roofs in

SIMPLICITY, EASE and RAPIDITY of APPLICATION

Made of genuine Hammered Steel, the most durable. Suitable for all kinds of buildings, either flat or steep roofs. Can be laid over Sheathing. Shingles or Lath. Easily attached to any kind of Valley or Gutter.

Weather, fire and lightning proof. There is a satisfaction in buying that which is known to be good.

"MODEL SAMPLE,"

Showing Plan and Quality Upon Application.

COMPARE WITH OTHERS.

Kuehn's Folded Lock Seam Steel Roofing.

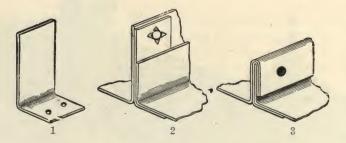


Fig. 1—Cleat in position ready to be nailed to sheathing.

Fig. 2—Cleat punched and locked to 1% inch edge of sheet and nailed to sheathing.

Fig. 3—Seam folded complete.

SPECIAL NOTICE-Kuehn's Folded Lock Seam Steel Roofing is furnished with Double Cross Lock if wanted.

Those having practical experience concede that this combination contains all the valuable points ever presented.

A Roof constructed of our STEEL and by our PATENT PLAN cannot get out of order, as the caps are made from and a part of the sheet and securely locked to the cleat (doing away with separate caps, rivets, exposed cleats, etc.), making it impossible to come loose or blow off as separate caps are liable to do.

A SQUARE consists of a strip 50 feet long, having a covering width of two feet, or a 50 foot length will finish 100 square feet on building, including the required cleats or fastenings, to be placed 12 to 14 inches apart.

SPECIAL TOOLS REQUIRED.

1 Pair Foot Seamers	\$10.00
1 Pair 1 inch Steel Tongs	2.50
1 Pair 1% inch Steel Tongs	
1 Eyelet Punch	10.00
1 Pair Roofing Shears	2.00
1 Roofing Hammer	
1 Roofing Mallet	
1 Tool Chest	1.50
·	

10141\$2

Me do not send Shears, Hammer or Mallet, unless so requested.

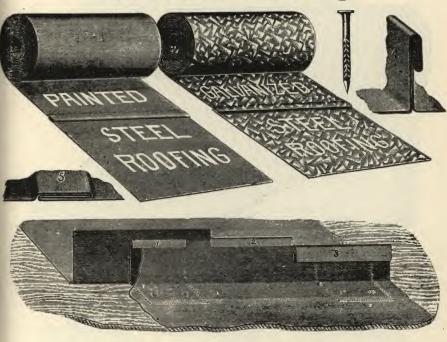
NOTE.—Tools are loaned and must be returned, free of expense to us, when

roof is completed.

**Always mark on shipping card by whom returned, to insure proper credit.

All our Roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

"Old Style" Double Seam Roofing.



No. 946.

Fig. 1—Cleat in position and nailed to sheathing.

Fig. 2-Shows the first fold.

Fig. 3—Second fold, which completes the double seam.

Fig. 4-End view of double seam.

Fig. 5-Elastic crosslock.

SPECIAL NOTICE.—When ordering the above Old Style Double Seam Roofing, state if Single or Double Cross Lock is wanted.

Made of Pure Steel.

The adaptability of this seam for flat roofs is certain, as by its construction a double fold is made the entire length of seam, therefore it is water tight.

A SQUARE consists of a strip 50 feet long by 26% inches wide, with necessary cleats, and will finish 100 square feet on building if applied with 1 inch and 1% inch double seamers.

ATWe never send tools unless so ordered, as all tinners use the regular tinners' seamers in applying this roofing. When tools are ordered we send the 1 inch and 1¼ inch seamers.

All our roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

Self-Capping Standing Seam Roofing



Fig. 1—Cleat in position and nailed to sheathing.

Fig. 2—Cleat turned down over the 11/4 inch turned up edge.

Fig. 3—Shows the 1% inch edge and the cleat folded over the 1 inch turned up edge.

Fig. 4-Shows cleat as shipped.

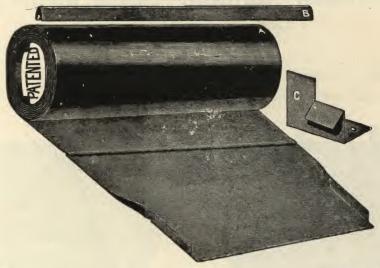
TOOLS REQUIRED

	TOOLS REQUIRED.				
1	Pair Foot Seamers				
1	Pair 1 inch Tongs \$10.00				
1	Pair 1 inch Tongs. \$10.00 Pair 1% inch Tongs 2.50				
1	Roofing Mallet				
	Total\$17.25				
	We do not send Shears or Mallet, unless so requested.				
	and the send shears of Manet, unless so requested.				

SPECIAL NOTICE.—We furnish the above Self-Capping Roofing with Double Cross Lock if wanted.

NOTE.—Tools are loaned and must be returned, free of expense to us, when roof is completed. Always mark on shipping eard by whom returned, to insure proper credit. All our Roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

"Milwaukee" Roll and Cap Roofing.



"A"-Roll partly edged.

"B"-Metal Cap.

"C"-Metal Anchor.

Made of Pure Steel.

The distinctive feature of this roofing is the locking of the cleats into the cap, which holds it firmly to the standing seam.

The construction is simple, and it is the most easily and rapidly laid separate

Cap Roofing on the market.

We make the metal Caps in 2 to 6 foot lengths, which we furnish with each square, cleats included. Each roll is 50 feet long; the covering width is 24 inches and will lay 100 square feet on building.

SPECIAL NOTICE.—Kuehn's Folded Lock Seam Steel Roofing is furnished with Double Cross Lock if wanted.

Tools

Necessary to lay Roll and Cap Roofing as follows:

1	Idging Tong \$0. Iap Seamer 1. Iair Snips 2.	00
	Total Cost\$3.	75

If tools are returned, free of expense to us, we will refund the amount charged.

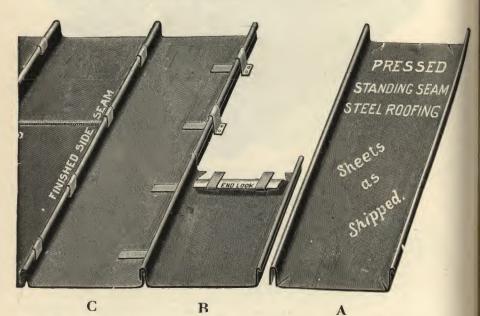
AWAIWAYS mark on shipping card by whom returned, to insure proper credit.

All our roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

"Milwaukee" Pressed Standing Seam Roofing.

Made of Pure Steel.

It very simple in its application and effective in its construction. The sheefs are formed with a cap on each side, which makes a stronger and better roof than when separate caps are used.



"A" represents Sheet as shipped. "B" represents method of application.

"C" shows Finished Seam.

We furnish the above Roofing in either galvanized Steel or black painted Steel of best quality.

A square consists of 50 lineal feet in separate sheets, formed and lay 2 feet in width.

Tools Necessary Are:

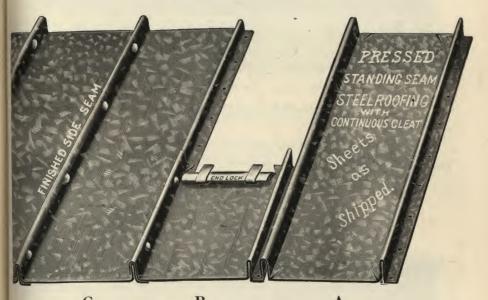
Squeezers, Shears, Hammer and End Lock Turner.

Galvanized Cleats furnished if desired,

All our roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

"Superior" Pressed Standing Seam Roofing with Continuous Cleat.

Especially Manufactured for Grain Elevators, Mills and High Buildings.



C B A

A. Represents Sheets as Shipped. B. Represents Method of Application.
C. Shows Finished Seam.

Please note that Each Sheet is formed with a continuous Cleat, which can be nailed to the Roof Boards, giving a chance to drive as many nails as is necessary to prevent the greatest hurricane from tearing same off the building. After the Sheets are securely fastened to the Roof and the Standing Seams are well riveted every fourteen inches, it is impossible for any storm to tear it off.

The continuous Cleat being a part of the Sheet itself, freezing and shaking by heavy winds cannot pry sheets from cleats, like it can with separate narrow Cleats placed apart at spaces of 12 to 18 inches.

A Square consists of 50 lineal feet in separate sheets, formed and lay 2 feet in width.

All Corrugated Sheets are furnished in either Red Painted, Graphite Painted or Galvanized Steel.

Crimped Edge Sheets.



Fig. 13.

Sheets 48 to 120 inches.

Much used for Roofing and Siding, and Easily Applied on Factories, Barns, Sheds, Etc.

Sheets kept in stock No. 28 U. S. Standard Gauge, 6, 7, 8, 8½, 9 and 10 feet long, from which shorter ones may be cut. Heavier gauge sheets furnished on short notice.

Covering width 2 feet, after lapping one crimp, which we allow.

On roofing, lap 3 inches or more according to pitch. On siding, lap 1 or 2 inches.

Should be nailed over wooden strips, which we furnish at cost.

Three Crimp Sheets.

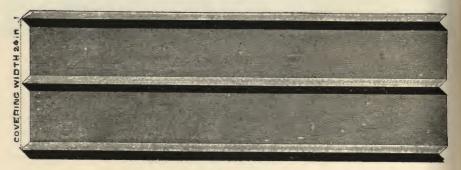


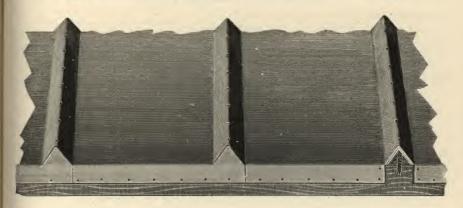
Fig. 15.

Sheets kept in stock No. 28 U. S. Standard Gauge, 6, 7, 8, 8½, 9 and 10 feet long, from which shorter ones may be cut; covering width 2 ft. side lap allowed.

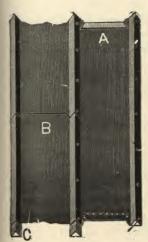
The center crimp stiffens the iron, prevents vibration and rattle, and adds to its appearance; imitating batten boards. Apply in the same manner as the crimped edge sheets.

All our roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

Application of Crimp Roofing.



CRIMPED EDGE ROOFING.



May be laid over sheathing, shingles, lath or direct to rafters placed 24 inches from center, on any roof having more than two inches pitch to the foot. The ends of sheets can either be lapped 3 inches, or more or put together with lock joint.



Shows Lap Joint as nailed.



Shows Lock Joint as applied to sheathing. If desired to lay with end locks, cut each end of sheet % inch, and when put on roof mallet the joints down close.



Shows triangular Wood Strip (C) to be used under the crimps. Use 1% inch Wire Nails, which will reach through the top of crimps and stick into the sheathing or roof supports.

A Ridge Roof may be finished by lapping sheets over the ridge or by using

our Ridge Capping, see page 116.

All our roofing is furnished in either Red Painted, Graphite Painted or Galvanized Steel.

Pressed Corrugated Sheets,

---FOR---

SIDING, CEILING, DOORS, SHUTTERS, AWNINGS, ETC.

Made of Black, Red Painted, Graphite Painted and Galvanized Sheets of the Best Quality.

Corrugated is the strongest known form of Sheet Metal, and imparts material strength by its lineal rigidity to the structure to which it is attached.

Its legitimate use is for Siding. It is the best material known for use on structures of moderate cost, that are intended to be fire-proof.

The rigidity imparted to comparatively light sheets by corrugating makes them self-supporting, thereby permitting their use on light, inexpensive framings, the result being a substantial building, with a handsome architectural appearance.

We Recommend Corrugated Sheets especially for siding, ceiling and partitions for fire-proof buildings, and it is only necessary to suggest the advantage of using this material for such protection.

For Roofing, we advise the use of our Kuehn's Folded Lock-Seam Steel Roofing, because the joints in Corrugated Sheets are simply laps, and a casual examination will show that, except on steep roofs, the lap joints will prove defective and liable to leak in driving storms. This Criticism on Corrugated Sheets for roofing applies to all corrugated sheets by whomsoever manufactured.

Our Machinery for corrugating is the latest improved. It presses the iron, making one impression at a time, forming the corrugates true and even, giving superior strength, making laps fit perfectly tight.

NOTE.—All our Corrugated Sheets measure 24 inches from center to center of last corrugations.

How to Estimate Amount and Cost of Corrugated Sheets.

First select the best lengths of sheets to fit the space, bearing in mind the end laps. On Siding one inch lap will do, while for Roofing nothing less than three inches, and if a slight pitch, six inches, for end lap. As each sheet lays just 2 feet wide, it is a simple matter to ascertain the number of sheets necessary to cover the space. Then estimate the number of feet in our two (2) and two and one-half (2½) inch corrugated sheets, as follows:

- 6 feet long, 13 sq. feet, lay 2 feet wide, selling measure 26 in. wide.
- 7 feet long, 151/8 sq. feet, lay 2 feet wide, selling measure 26 in. wide.
- 8 feet long, 171/3 sq. feet, lay 2 feet wide, selling measure 26 in. wide.
- 9 feet long, 19½ sq. feet, lay 2 feet wide, selling measure 26 in. wide.
- 10 feet long, 21% sq. feet, lay 2 feet wide, selling measure 26 in, wide.
- 11 feet long, 23% sq. feet, lay 2 feet wide, selling measure 26 in, wide.
- 12 feet long, 26 sq. feet, lay 2 feet wide, selling measure 26 in. wide.

On 11/4 inch or smaller Corrugate Sheet, figure as follows:

- 6 feet long, 12% sq. feet, lay 2 feet wide, selling measure 25 in. wide.
- 7 feet long, $1463/_{72}$ sq. feet, lay 2 feet wide, selling measure 25 in. wide.
- 8 feet long, 17 sq. feet, lay 2 feet wide, selling measure 25 in. wide.

When necessary we can cut sheets in the middle and give half sheets of any of the above lengths. When we cut to odd inches, say 7 feet 9 inches, we charge for an 8 foot sheet, unless we have two or three weeks in which to fill order, so as to have the sheets made odd sizes.

We always ship No. 28 Gauge, 8 foot sheets, when not otherwise specified in order

As no allowance is made for laps, the following table gives the number of square feet necessary to cover one square (100 square feet) of surface, providing there is no waste in cutting.

These tables are based on using 96 inch sheets; if longer or shorter lengths are used there will be a slight variation from the following estimate.

ESTIMATE FOR 21/2 INCH CORRUGATION:

END LAP.	1 inch	2 inches	3 inches	4 inches	5 inches	6 inches	
Side Lap 1 Corrugate Side Lap 1½ Corrugate	116 sq. ft.	117 sq. ft.	1118 sq. ft.	119 sq. It.	IZU SQ. It.	115 sq. ft. 121 sq. ft. 128 sq. ft.	

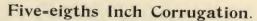
ESTIMATE FOR 11/4 INCH CORRUGATION:

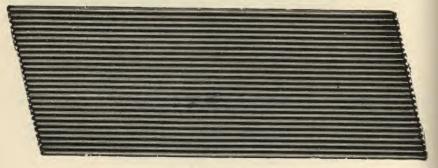
END LAP.	1 inch	2 inches	3 inches	4 inches	5 inches	6 inches
Side Lap 1 Coru't. Side Lap 1½ Coru't. Side Lap 2 Coru't.	110 1-5 sq. ft.	111 2-5 sq. ft.	112 7-10 sq. ft.	113 9-10 sq. ft.	115 1-10 sq. ft.	113½ sq. ft. 116 2-5 sq. ft. 119 3-5 sq ft.

The covering width of all our sheets is two (2) feet.

Corrugated Sheets.

We carry in stock 5, 6, 7, 8, 9 and 10 foot lengths, and of a width to lap one corrugation and cover 24 inches. No. 28 gauge and 8 foot sheets, painted both sides, are always shipped when not otherwise specified.

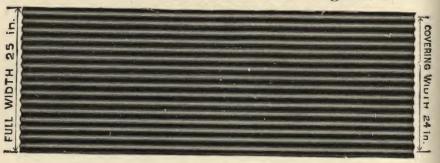




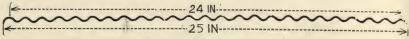
No. 958.

Corrugations five-eighths of an inch from center to center, and three-sixteenths of an inch deep, made of No. 24 gauge and lighter, not longer than 8 feet. Used for ceilings, partitions, lining inside wooden frame work, etc.

One and One-quarter Inch Corrugation.



No. 959.



11/4 inch Corrugations.

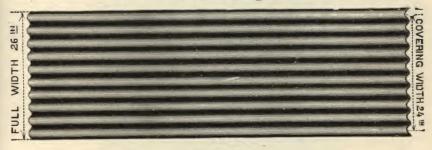
Corrugations one and one-quarter inch from center to center, and three-eighths of an inch deep, made of No. 22 gauge and lighter. Sheets when corrugated measure 25 inches wide, and will cover 24 inches from center to center of outside corrugations.

Our 11/4 inch corrugated sheets are used for all covering purposes.

See "How to estimate," page 14z. Be sure to provide for laps, as what we ship will be the amount figured according to the full width of the sheets.

Corrugated Sheets.

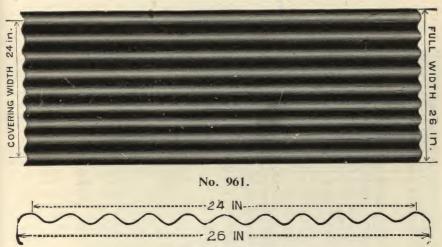
Two Inch Corrugation.



No. 960.

Corrugations two inches from center to center, and one-half inch deep, made of No. 16 gauge and lighter. Sheets when corrugated measure 26 inches wide, and cover 24 inches from center to center of outside corrugations.

Two and One-half Inch Corrugation.



21/2 Inch Corrugations.

Corrugations two and one-half inches from center to center, and five-eighths of an inch deep, made of No. 16 gauge and lighter. Sheets when corrugated measure 26 inches wide, and cover 24 inches from center to center of outside corrugations.

Of the above sizes our 2½ inch corrugated sheets are the standard for all covering purposes.

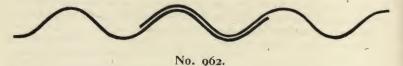
The selling width of all corrugated sheets is the full width, after formed.

No allowance for laps.

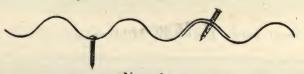
We furnish sheets of Three Inch Corrugation of usual lengths; full width 26 inches and covering width 24 inches.

Corrugated Roofing.

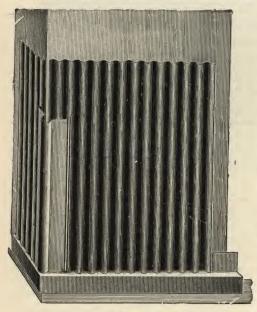
Should have three to six inches for end lap, and one and one-half corrugates for side lap, as shown in No. 962. Observe that the left edge curves downward and the right edge curves upward. Such sheets will be made for Roofing only when so ordered. Two corrugates are also used for side lap, but are no better than one and one-half.



Corrugated Siding.



No. 963.



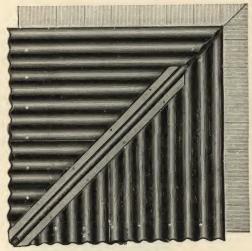
No. 964.

Usually a base board 6 to 12 inches wide, partially covered with plain iron, with a flange of 2 inches to go up under the Corrugated Iron, is used, as care should be taken that the iron is kept a few inches from the ground.

Commence at bottom, running first course across side, lapping one corrugation, and nailing as shown by No. 963. Nail side laps about every 6 inches. Proceed with second course, giving sheets from 1 to 2 inches lap at end, and one corrugation lap at side, keeping the corrugations plumb and in line.

If siding is put on studding, care should be taken to have the studding the same distance between centers as the width of iron used, and pieces of wood must be placed between studding at the end lap of sheets to nail to; or the end laps can be riveted.

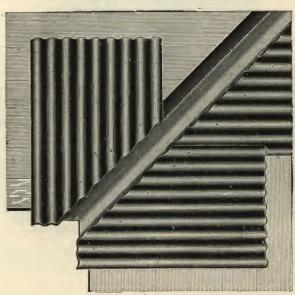
Showing Hip Covered.



No. 966.

Shows manner of applying Ridge Roll to a hip on Corrugated Roof.

Shows Valley in Corrugated Roof.



No. 967.

The wide Valley is laid first, and the Corrugated Sheets cut to correspond with angle and lapped over the edge of the Valley several inches, as shown.

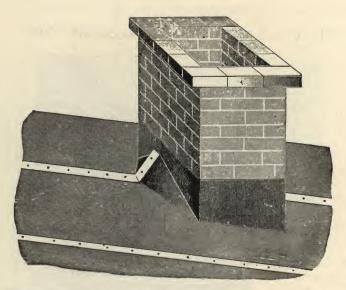
All Corrugated Sheets are furnished in either Red Painted, Graphite

Painted or Galvanized Steel.

Chimney Flashings.



Above illustration shows a Flashing for Chimneys, etc., to be made from a piece of flat sheet iron; can be formed when used.



This Flashing should run up several inches under the Roofing Sheets, which should stop off from the upper side of Chimney far enough to allow rain to escape freely, say 8 to 12 inches.

The Roofing Sheets are to be flashed up at the sides of chimney, as shown in above illustration. Use cement freely. Counter Flashing may be used when desired.

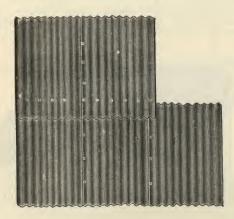
Nails and dry paint always sent unless otherwise ordered.

Corrugated Siding.

MANUFACTURED EXPRESSLY FOR

Grain Elevators, Mills and High Buildings,

Where There is Liability of Building Settling.



No. 965.

Regular size, 32 inches long by 26 inches wide.

No. 965 shows Corrugated Iron for Grain Elevators.

Corrugations same as Nos. 959, 960 and 961.

Sheets are laid in such a manner that the elevator sides have a chance to settle without disturbing the fastenings of sheets. Our 2 and 2½ inch Corrugated Sheets are 26 inches wide by 32 inches long, and cover 24 inches. 1½ inch Corrugated Sheets are 25½ inches wide by 32 inches long, and cover 24 inches. The sheets are laid with a 2 inch end lap, and the nails are two inches above the upper edge of lower sheets, thus allowing the sheets to slip 2 inches in every 32 inches as the sides of the elevator settle, and will not buckle or draw the nails.

Curved Corrugated Sheets.

21/2 inch Corrugation.



No. 971.

Shows corrugated sheet for Roofing and Ceiling. We curve the sheets to any required radius, and of any strength. We curve the corrugation as shown in No. 971 in any gauge, from 16 to 26 inclusive. We guarantee all curving perfect and to correspond with specifications furnished.

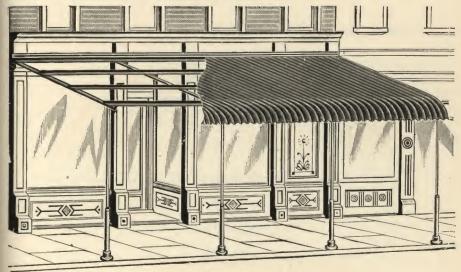


Shows application of curved corrugated sheets on floor beams, for Ceilings in fire-proof buildings after concrete filling is put in. The Ceilings can be painted in any color to suit. Prices quoted on specification only.



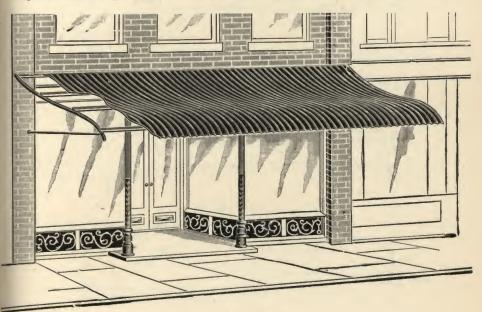
Shows corrugated sheet curved for Awnings; neat, cheap and durable. Prices quoted on plans furnished.

Corrugated Steel Awnings. Neat. Effective.



No. 975.

Represents our Single Curved Awning, with Iron Frame supported by Iron Posts.



No. 976.

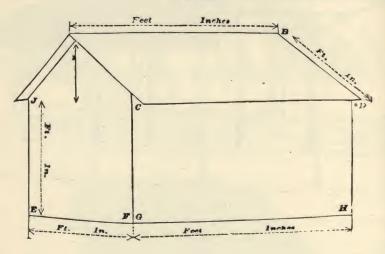
Represents our Double Curved Awning, with Iron Frame supported by Iron Brackets fastened to the wall of building.

We quote prices only upon being furnished with dimensions in detail.

How to Order Roofing and Siding.

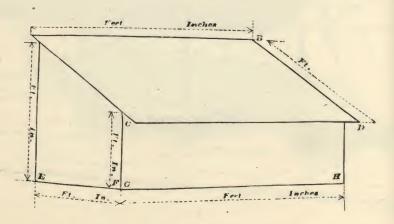
For Ridge Roof Building furnish us dimensions indicated per

Fig. 55.



For Shed Roof Building, furnish us dimensions indicated per

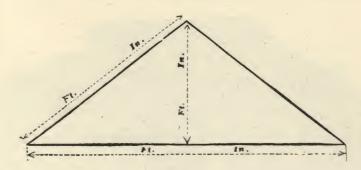
Fig. 56.



Allowing in above cases for necessary projection at eaves, ends, etc. Allow Corrugated Roofing 3 inches pitch, or more, to the foot.

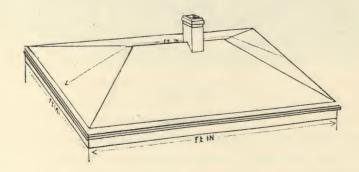
For Gables, furnish us dimensions as indicated per

Fig. 57.



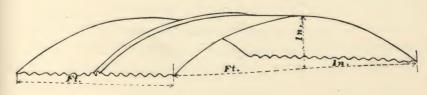
For Hip Roof, Furnish us dimensions indicated per

Fig. 58.



For Curved Sheets, always state whether for Roofing or Ceiling, and furnish dimensions indicated per

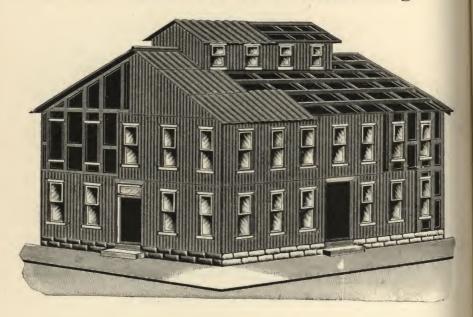
Fig. 59.



Allow for projections, if for Roofing.

It for Ceilings, state exact distance between webs of I beams, lengths and number of spaces to be covered.

Shows Application of Corrugated Iron on Roof and Sides of Skeleton Framed Building.



No. 974.

Pitch of Roof. We would not advise the use of Corrugated Iron on any roof of less pitch than three inches to the foot, and more is better.

Truss Roofs should have pitch of one-fifth to one-fourth.

Distance Between Supports on Roof. For Corrugated Iron Roofing, No. 26 Gauge and lighter had better be laid on close boarding, or strong lath not more than 1 to 2 feet apart.

No. 24 can be used on purlins 2 to 4 feet from centers.

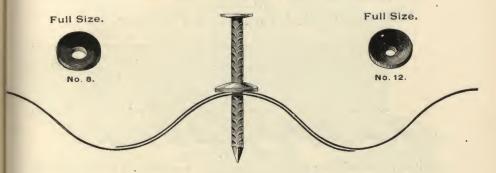
No. 20 to 22 can be used on purlins 4 to 5 feet from centers.

No. 18 can be used on purlins 6 to 7 feet from centers.

No. 16 can be used on purlins 7 to 9 feet from centers.

Lead Washers.

Will prevent Leaks in Roofing and Siding when used as shown in cut below.



These Washers make an Absolutely Water-tight Joint on any surface, whether concave, convex or flat; they also prevent Rust below the nail head, and the head from cutting into the sheet, thus making a more durable job.

Read the following and find out how many and what kind you need; do not let the small cost additional per square prevent you from having a perfect job.

Put up in boxes containing 100 pounds each.

One pound contains about 325 Washers.

One pound will put on 2 to 3 squares.

Hole in the No. 8 Washer is $\frac{5}{32}$ of an inch in diameter.

Hole in the No. 12 Washer is 3/32 of an inch in diameter.

We quote Lead Washers 30 cents per pound F. O. B. Milwaukee, subject to the following discounts:

In lots of 5 to 10 boxes.....per cent.

In lots of 1 to 5 boxes.....per cent.

In lots less than 100 lbs.....per cent.

Discounts subject to change without notice.

In ordering do not forget to state size of Washer. No. 8 is the size generally used with 1¾ inch Wire Nails Nos. 10 to 11.

When furnishing Lead Washers with Corrugated Roofing we give ½ pound Washers to each pound of 134-inch Nails.

Corrugated Side Wall Flashing.



No. 977.
Corrugated End Wall Flashing.



No. 9
2 Inch Corrugated Ridge Roll.

Corrugated V Capping.



Million

No. 979.

No. 980.



No. 819.
Corrugated Wood Ridge Joints.



No. 982. No 983.

No. 982 shows application of our 2 inch Corrugated Capping, No. 979. No. 983 shows application of our Corrugated Wood and Plain Capping.

PRICE LIST.

 Corrugated Flashing.
 Painted.
 Galvanized.

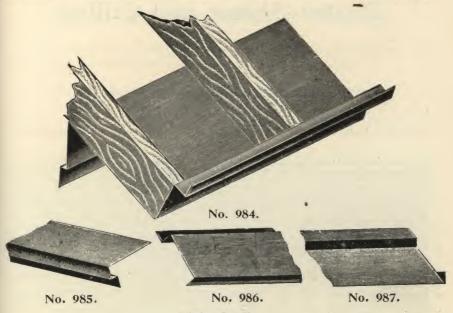
 No. 977, No. 28 Gauge Steel, per lineal foot.
 \$0.14
 .17½

 No. 978, No. 28 Gauge Steel, per lineal foot.
 .14
 .17½

 .17½
 .17½

Galvanized.

Plain Cornice, Window and Door Casings.



Plain Cornice.

					No. 984. Paint	
24	inch	Girt,	per	lineal	foot\$0.	18 .24
26	inch	Girt,	per	lineal	foot	$19\frac{1}{2}$.26
28	inch	Girt,	per	lineal	foot	21 .28
30	inch	Girt,	per	lineal	foot	23 .30

Sills for Windows and Doors.

	No 985.	Painted.	Galvanized
9 inch Girt, per lineal	foot	\$0.07	. 09
10 inch Girt, per lineal	foot	071/2	.10
	foot		.12

Casings and Caps for Windows.

						No	s. 986 and	987.		Painted.	Galvanized.
3	inch Face	, 10	inch	Girt,	per	lineal	foot		 	\$0.071/2	.10
4	inch Face	, 11	inch	Girt,	per	lineal	foot		 	081/2	.11
5	inch Face	, 12	inch	Girt,	per	Iineal	foot		 	09	.12

Casings and Caps for Doors.

	Nos. 986 and 987.	Painted. Galvanized.
3 inch Face, 12 inch	Girt, per lineal foot	\$0.09 .12
4 inch Face, 13 inch	Girt, per lineal foot	
5 inch Face, 14 inch	Girt, per lineal foot	11 .14

LIST PRICES.

List prices based on No. 28 Gauge. Prices on heavier gauges upon application.

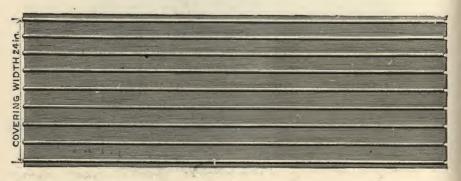
nection with our different styles of Metal Siding and Roofing, make the building entirely ironclad.

Plans and measurements must be furnished, and we will form to fit the same.

Beaded Siding and Ceiling.

MADE FROM THE BEST QUALITY STEEL.

Furnished in either Red Painted, Graphite Painted or Galvanized Steel.



No. 992.

Covering Width, Two Feet.

Shows sheet of Beaded Siding and Ceiling. Sheets when beaded cover 24 inches from center to center of outside beads, and can be furnished any length up to 8 feet. The beads are small corrugations, % inch wide and % inch deep and 3 inches from center to center.

This style of Ceiling is very desirable in stores, churches, warehouses, factories, engine rooms, boiler rooms, public halls, paper mills, glass factories, etc.

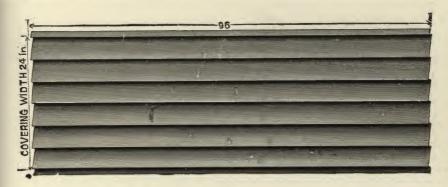
No special tools required. The sheet should be lapped one or two inches at ends, and over one crimp at side. Can be applied perpendicularly or horizontally (as preferred) to boards, studding or joists placed the proper distance apart, or put on over old plaster. Purchasers can paint it any desired color. Regular length sheets, 4, 5, 6, 7 and 8 feet. We always ship sheets 8 feet long unless otherwise ordered. One square consists of 6½ sheets, 24x96, or its equivalent, and will lay one square, less the lap at the ends of the sheets.

Steel Weather-Board Siding.

Used extensively as Siding on frame buildings. Cheap, Durable and Fire-Proof, and a desirable substitute for Wooden Weather-Boarding.

Its Lasting Qualities Compare with Brick or Stone.

Furnished in either Red Painted, Graphite Painted or Galvanized Steel.



No. 990.

We furnish 6¼ sheets 24x96 inches for a square, which will lay 100 square feet on building, less the laps at the end of the sheets.

Each sheet shows 6 boards 4 inches wide. Can be applied directly to studding 16 inches from centers or on rough sheathing. In order to provide for one inch end laps, place every sixth stud 15 inches from centers. When applying to sheathing, place nails 4 to 6 inches apart, along the horizontal laps and immediately under the projecting crimp. When applying to studding nail to each stud. Nail end laps at the upper edge of each face or "board."



No. 991.

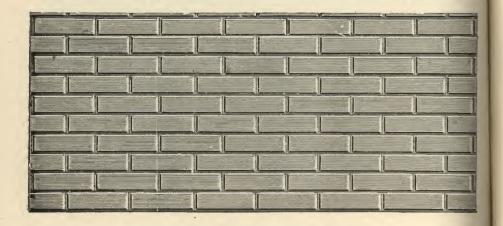
Shows Metal Corner Boards used in finishing corners and angles of buildings when using Weather-Board Siding.

Steel Corner Boards we sell by the lineal foot, made in lengths from 2 to 8 feet.

Imperial Pressed Steel Brick.

MADE OF BEST QUALITY SHEET STEEL.

Furnished in Either Red Painted, Graphite Painted or Galvanized Steel.



No. 993.

Size of Single Brick, 245x81/2 inches. Sheets, 60x28 inches.

Shows Pressed Steel Brick Siding ready for application. Can be applied by any mechanic. Lays perfectly smooth, and after painting cannot be distinguished from finest Philadelphia Pressed Brick.

Costs no more than best wood siding and about one-fifth that of brick.

In beauty of appearance, durability, cheapness, and as a protection against fire, we claim this siding has no equal. Most Insurance Underwriters give this style of covering same rating as Brick or Stone.

Manufactured of the best Soft Steel and shipped in lengths of 60x28 inches containing 12% square feet to the sheet.

A SQUARE of Imperial Brick Siding consists of 8% sheets, 60 inches long by 28 inches wide, painted both sides.

SHOWS PROCESS OF LAYING Pressed Steel Brick.



 ${\bf A}$ shows corners finished with Steel Brick Plate. This is accomplished by letting plate project over corner 8 to 10 inches, even with the perpendicular or mortar line as shown by sheet ${\bf B}$.

C shows window with Galvanized Cap and opening finished by letting the plate project over opening 2½ inches and turning over on the inside, placing window frame in after finished.

D shows door with Galvanized Cap and opening finished, with plate turned and putting in door frame.

È shows window frame in, and projecting 1 inch beyond sheathing. When like this, use angle stock ¾ by 1 inch to nail on first, then butt plates against the flange lip, and nail.

F and G show nailing flanges on sheets.

DIRECTIONS FOR

Putting on Steel Brick Siding

Over Wood Sheathing.

1st. With spirit level and chalk line get the level of your building entirely around its base or top and strike a line corresponding thereto.

2nd. Place a full sheet of siding at one corner or the building, allowing the end to extend two or more feet past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheet resting on the chalk line.

3rd. Nail the sheet fast to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work towards ends and sides, putting nails two or three bricks apart. Never nail through the brick.

4th. Bend the projecting two feet around the corner (if projects) with the hands or with a piece of board, using a mallet slightly to bring down any uneven places.

5th. Lay around the building until you meet the commencement. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, letting the half groove at the bottom of the sheet lap over the first and fit closely in the half groove at the top of the first sheet.

6th. Window and door frames should not be put in until after the siding is on. But in case the frames are in, the Steel Siding may be applied and faced at doors and windows the same as for wood siding.

7th. At windows or doors cut the sheets about three inches above the bottom sill, and the same distance from the side; then cut from the corner thus formed obliquely to the corner of the window or door space, bend the steel with the hands down upon the window sill and around the side of the studding, and nail it fast. The window frames fit in over these laps and show a complete brick finish.

Nails.

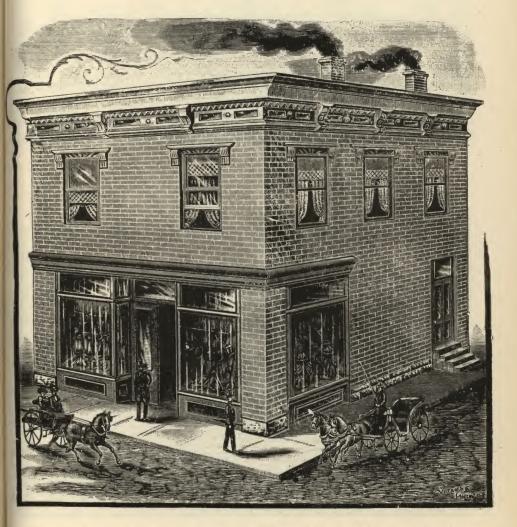
The best nails to use are % barbed roofing nails, or three penny common wire nails, either of which may be readily driven through the grooves without the use of a punch. Always use a nail set to drive nail home. It requires about % of a pound of these nails to a square of siding. In case purchasers of our Siding cannot obtain suitable nails in their towns, we will furnish them at a reasonable price.

SHOWS BUILDING SIDED

---WITH---

IMPERIAL

Pressed Steel Brick.



Always Lay with the Concave or Hollowed Part of Mortar Line on the Outside.

Patent Rock=Face Brick and Stone Siding.

Made of Best Quality Sheet Steel.

Artistic! Durable! Cheap!

This is something comparatively new in Sheet Metal Siding. It imitates Rock-Face Stone and Brick to perfection. On a building the counterpart of a finely finished Rock-Face Stone or Brick, it makes the most attractive and handsomest sheet metal covering so far produced or offered the building trade.

It is unquestionably an elegant facing for store fronts and cannot help but take the place of the old style galvanized iron fronts, because it is cheaper, makes a handsomer front and is more easily applied.

Architects, Builders and Contractors

will readily see the advantage of using these patterns for siding purposes on Dwellings, School Houses, Business Blocks, Court Houses, Factories, Opera Houses, Auditoriums, etc., in preference to the old style Corrugated, Beaded and other Metal Sidings.

Furnished in either Red Painted, Stone Color Painted or Galvanized Steel.

Rock=Face Brick.

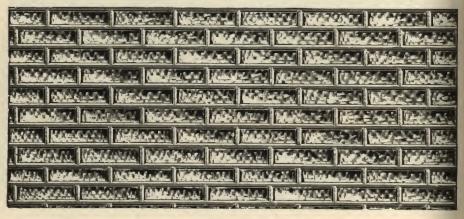
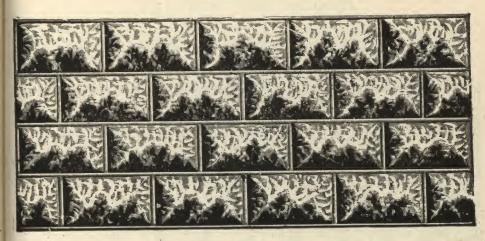


Fig. 989.

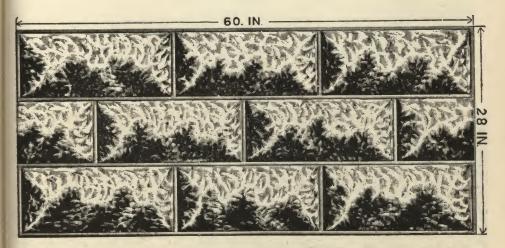
Size of Single Brick, 245x814 inches. Sheets 60x28 inches.

Rock=Face Stone.



No. 1.

Size of Single Stone, 7x12 inches. Sheets 60x28 inches.



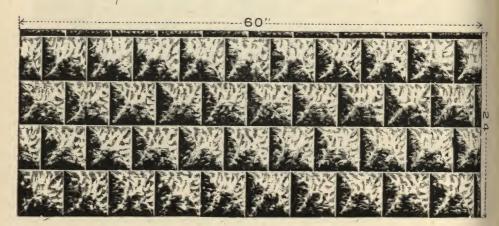
No. 2.

Size of Single Stone, 91/3x20 inches. Sheets 60x28 inches.

A Square of Rock-Face Brick or Stone consists of 8 4-7 sheets 60 inches long by 28 inches wide, painted both sides.

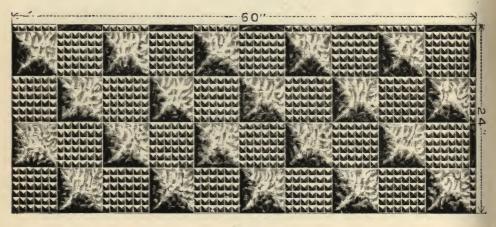
IT In ordering Plain or Rock-Faced Siding, allow 4 to 6 square feet to the 100 for laps.

Rock=Face Siding.



No. 3.

Size of Single Stone 6x6 inches. Sheets 60x24 inches.



No 4.

Size of Single Stone 6x6 inches. Sheets 60x24 inches.

Continuous Rock=Face Stone.

Pressed in 5 ft. Lengths and Used for Window Sills and Belt Course.



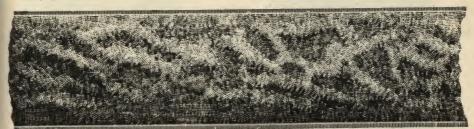
Size, 6 inches.

No. 20.



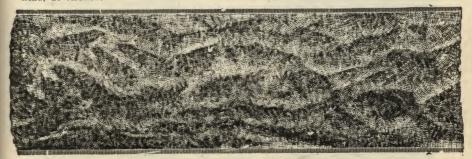
Size, 8 inches.

No. 21.



Size, 10 inches.

No. 22.



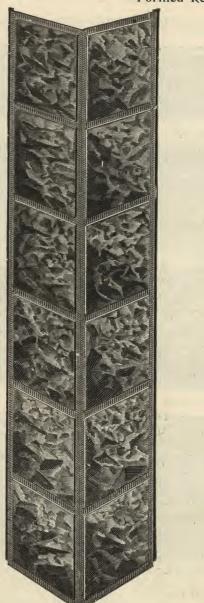
Size, 12 inches.

No. 23.

PRICE LIST.

	Painted.	Galvanized.
No. 20, 6 inches wide, per lineal foot	\$0.041/2	.06
No. 21, 8 inches wide, per lineal foot	06	.08
No. 22, 10 inches wide, per lineal foot	071/2	.10
No. 23, 12 inches wide, per lineal foot	09	.12
DiscountPer Ce		

Corner Trimmings. Formed Ready to Apply.



No. 109.

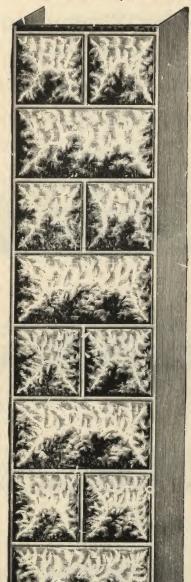
PRICE LIST.

No. 110.

proceed to apply the siding.

Pilaster.

All Complete with 4 inch Return.



CORNER.



No 111.

Shows Rock-Face Brick Corner Finish 4 in. to the weather on each face. CORNER.



No. 112.

Shows Plain Brick Corner Finish, 4 in. to the weather on each face.

No. 113.

PRICE LIST. Sheet Steel Painted.	Galvanized.
No. 11t, per lineal foot	\$0.08
	.07
No. 113, 10 inch Face with 4 inch Return, per lineal foot	.18
No. 113, 12 inch Face with 4 inch Return, per lineal foot	.20
No. 113, 16 inch Face with 4 inch Return, per lineal foot	.24

WITHOUT RETURN, PRICES ON APPLICATION.

Rock=Face Stone Window and Door Caps

Made of Galvanized Iron.

ARTISTIC! DURABLE!

These are for general use and none other will add so much in appearance at a small cost.

The following styles are largely used, and are essential for a complete finish when buildings are covered with our Plain Pressed Brick and Rock-Face Brick and Stone Siding.

We fit them up complete ready to place in position. **Window Sills:-No. 927 is used for this purpose.



No. 928. Face, 6 inches.....\$1.00



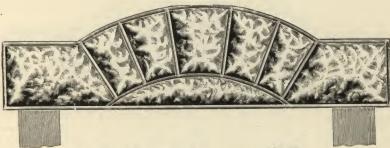
No. 929. Face, 6 inches......\$1.25



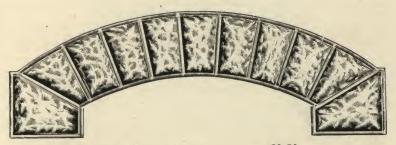
No. 930. Face, 8 inches......\$1.50

Rock=Face Stone Window and Door Caps.

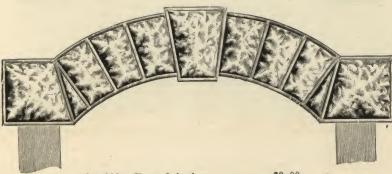
Made of Galvanized Iron.



No. 931. Face 8 inches.....\$2.25



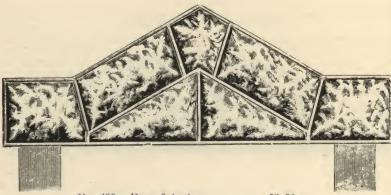
No. 932. Face 8 inches.....\$2.50



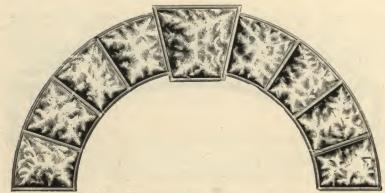
No. 933. Face 8 inches......\$3.00

Rock=Face Stone Window and Door Caps.

Made of Galvanized Iron.



No. 499. Face 8 inches......\$3.50



No. 500. Face 8 inches.....\$4.00

The prices for Window and Door Caps are for openings 32 to 42 inches in width between brick work. Other sizes will be charged extra.

Discount......Per Cent.

Directions for Ordering Window and Door Caps.

For circular head openings give radius.

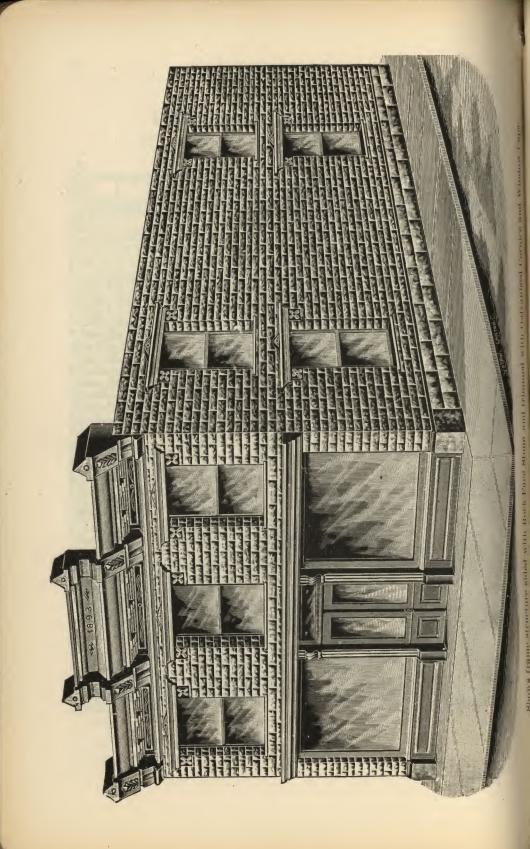
Always state width of opening between brick work in inches, and give the distance the frame is recessed from face of wall.

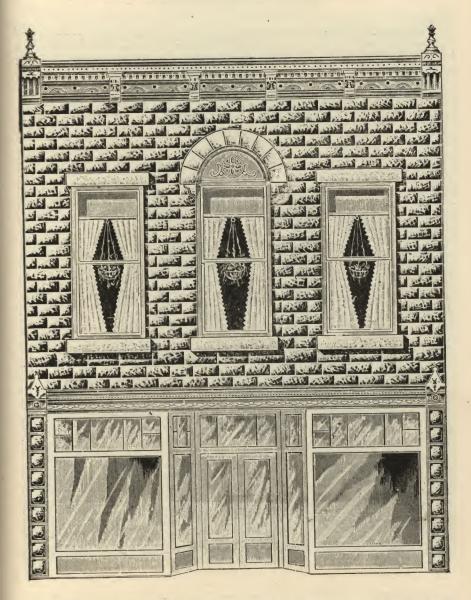
State if caps are to be built in brick work, or put on building already erected, as a difference in construction of cap is necessary; the latter is furnished when not otherwise specified.

All caps and sills are made the width of opening specified, plus 12 inches, which allows an extension of 6 inches on each side of opening; also to project 1½ inches from wall line.



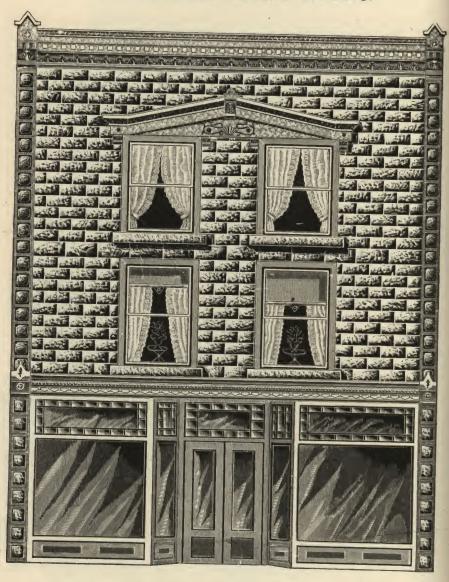
Shows frame structure sided with Patent Rock-Face Stone and trimmed with Galvanized Cornice, Rock-Face Window Caps and Sills and No. 4 Rock-Face Siding.



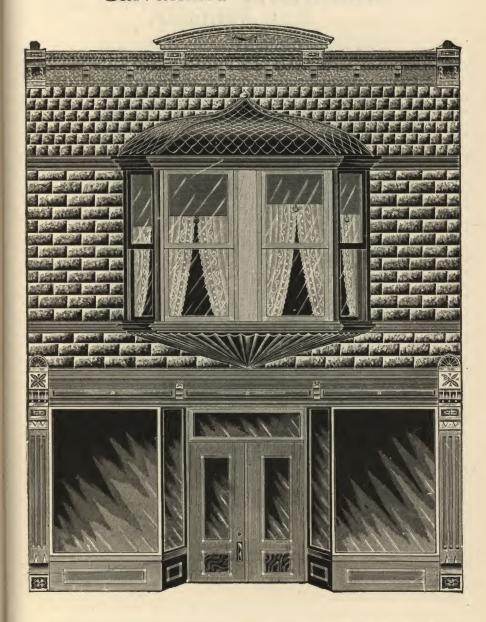


Shows frame structure sided with Rock-Face Stone and trimmed with Carlymized Coffice and Window Caps

Shows frame structure sided with Patent Rock-Face Stone and trimmed with Galvanized Cornice, Corner Stone and Rock-Face Window Caps and Sills.



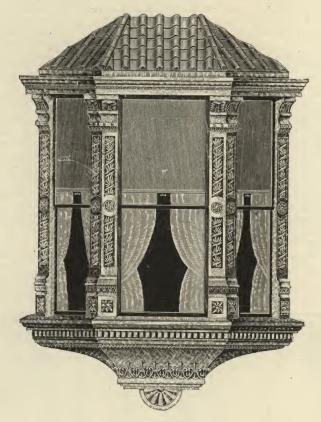
Shows frame structure sided with Patent Rock-Face stone and trimmed with Galvanized Cornice, Window Cap, Corner Stone and Rock-Face Window Sills.



Shows frame structure sided with Patent Rock-Face Stone and trimmed with Galvanized Cornice and No. 3 Square Stone.

Bay Window.

Made of Galvanized or Copper.



No. 52.

Any other style made to order from drawings.

Price according to size and style.

Write for prices.

Single Corrugated Iron Doors and Shutters.



Fig. 54.

Cheap and Durable.

Made of No. 18 and 20 Gauge Corrugated Iron, Black Painted or Galvanized and stiffened with Angle Iron Frame.

We will quote special prices on Doors and Shutters, if parties wanting them will state size and number wanted.

When ordering, accurate specifications and dimensions must be furnished, as indicated by diagrams; this is of great importance, both to the customer and to us.

We can furnish Shutter Hinge Eyes for brick, stone or frame buildings.

FIREPROOF Doors and Shutters.



Fig. 56.

The body of these is made of one thickness of wood and covered each side with our Beaded Iron, which projects an inch at top and sides of shutter, and is riveted every three inches.

In ordering Shutters or Doors, give exact dimensions, as follows, or send for our measuring sketch.

1—Height of opening. 2—Width of opening. 3—From sill to tops of lugs of lower shutter brick. 4—Between top of lugs of shutter brick, vertically. 5—From edge of openings to center of hole in lugs. 6—From face of wall to center of hole in lug. 7—Amount of rise in arch, if any. 8—Mention whether cap projects from wall. 9—State whether you wish shutters fitted into openings or otherwise and if for wood or brick building.

Cortright Metal Slates.

Group of Metal Slates, showing method of laying.

We have given the name SLATES to the style of covering shown here, because in the manner of laying and in the effect produced, it as nearly corresponds with slate as with anything else with which it may be compared.

Our Metal Slates have the important advantages of being laid more easily and quickly than any metal shingle

or roofing in the market, and of giving better protection than any other covering, while also making

a more ornamental roof, closely resembling the round pointed slate and wood shingles now so popular.

These metal Slates have in use been since 1887 and have made a wonderful repatation throughout the United States



This cut shows Metal Slates in connection with Roll Ridge Coping, Plain Hip Covering and Valley.

The Metal Slates are made in the three following sizes:

 14×20 inches, requiring 68 slates to cover a square (100 square feet). 10×14 inches, requiring 141 slates to cover a square (100 square feet). 7 x 10 inches, requiring 297 slates to cover a square (100 square feet).

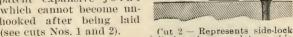
The Metal Slates are suitable for roofs with a pitch of three or more inches to a foot.

The Valuable and Important Features of both Metal Slates and Victoria Shingles



Cut 1-Represents side-lock, full size, showing first position in laying slate or shingle on roof

Are the SIDE-LOCK, a patent expansive joint which cannot become unhooked after being laid



full size, showing slate or shin THE TOP AND BOT-TOM WEATHER JOINT gle laid in place.

which provides perfectly against rain, snow and wind. (See cut 3.) The raised platform below the

lowest of the three steps (or corrugations), at the top of each slate or shingle (see cut 3), being level with the top of the side-lock, allows a perfectly straight tight joint to be made across the side-lock by the straight lower edge of the slate or shingle above, instead of the very objectionable old method of other shingles which raise up over the side lock.

The lower edge of this slate or shingle being straight without a break in passing over the side-lock, leaves no opening for snow or rain to beat under.

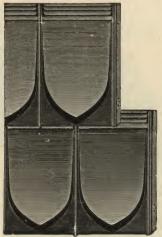
They can be laid more accurately than any other metal shingles, as in locking them there is no danger of leaving them unhooked at any point, the lock being always in view, and so constructed as to throw the slate or shingle square with the preceding one. courses, if started straight, are easily kept so. They are laid beginning at the lower lefthand corner of the roof and working to the right and upward, as in the usual method of laying roofs.

The Metal Slates and Victoria Shingles have exactly the same side-lock and top and bottom weather joint.

Che state of the s

PRICES QUOTED ON APPLICATION.

Cortright Victoria Shingles.



Group of Victoria Shingles, showing method of laying.

The most prominent feature of the Victoria Shingles is the **Embossing**, which is very high, and distinct enough for its ornamental character to be clearly seen on any building from the ground.

They were introduced in 1892, and have been received with increasing favor by the leading architects, builders, and owners.

They are suitable for roofing all first-class structures, and especially desirable where the effect of clay tiles is wanted without great weight.

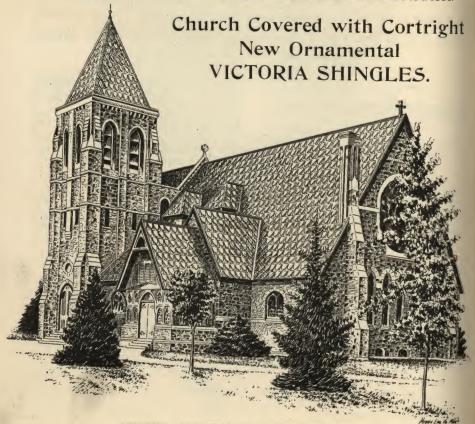
To those wishing to obtain an ornamental roof at a moderate cost, and one which is at the same time fireproof, durable, and easily put on, these shingles are particularly recommended.

The Victoria Shingles are made in the two following sizes:

10x14 inches, requiring 148 shingles to cover a square (100 square feet).

7x10 inches, requiring 319 shingles to cover a square (100 square feet).

The VICTORIA SHINGLES are suitable for roofs having a pitch of three or more inches to a foot.



PRICES QUOTED ON APPLICATION.

Railroad Station Roofed with Victoria Shingles and Sided with Metal Slates.

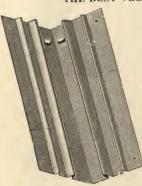


A few of the railroads which are using Cortright Shingles.

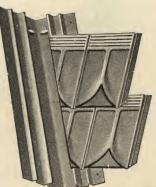
NEW YORK CENTRAL & HUDSON RIVER R. R. Co. PENNSYLVANIA R. R. Co. PHILADELPHIA & READING R. R. Co.

NEW YORK, NEW HAVEN & HARTFORD R. R. CO. DELAWARE, LACKAWANA & WESTERN R. R. CO. MISSOURI, KANSAS & TEXAS R. R. CO.

The Cortright Patent Valley. THE BEST VALLEY KNOWN.



The Cortright Patent Valley is made so that the shingles or slates will lock over the folds, giving perfect protection against water washing up or under slates or shingles at The sides of valley. folds allow amply for expansion and contrac-Two folds are formed on each side so as to give double protection against storms. The slates and shingles



This illustration represents section of Valley, with Metal Slates, showing how they are locked to fold of Valley.

Section of Valley. NEAREST FOLD OVER THE LARGER must be LOCKED CENTRE of the valley. The sections are so constructed as to slip together easily on the roof. We cannot guarantee satisfactory results at the valleys unless our patent valley is used in connection with our slates and shingles, on roofs where any valley is required.

This valley also makes a good finish for stone-slate or wooden shingles, which can be laid overlapping the flanges. The flange insures the ventilation and dry-

ing of the metal in the valley at all times.

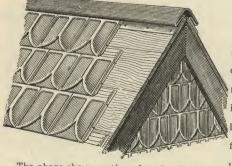
PRICES QUOTED ON APPLICATION.

Cortright Patent Ridge=Coping.



No Nail-Heads Exposed to the Weather.





The above shows section of roof and gable covered with our Metal Slates, in connection with Patent Ridge-Coping.

Our Patent Ridge Coping

Is made either PLAIN or with an ornamental ROLL, from one piece of metal, folded as shown above, producing a storm-proof covering, the shingles or slates being inserted into the folds over the nailing flanges, thus protecting the nail-heads from the weather.

Both the Roll and the Plain Ridge-Coping are suitable for use with either the Metal Slates or Victoria Shingles.

Cortright Patent Hip-Covering.



OUR PATENT HIP-COV-ERING is made of one piece of metal, PLAIN or with ROLL, and applied in such a manner, as to make an absolutely stormproof covering. The Hip-Covering is laid from the top downward, the lower end having projecting pieces for nailing, over which the top end of the next piece below is inserted, thus covering and concealing the nails,



When our Metal Slates are used on roofs having hips, we advise covering the hips with either our plain or Roll Hip-Covering.

Victoria Hip-Covering.

For use with our Victoria shingles we have a SPECIAL COVERING FOR HIPS, which is made with a RAISED FIGURE in the center to correspond with the embossing of the shingles. No other covering for the hips will answer the purpose so well as this; therefore it is important in ordering Victoria Shingles, to state if there are any hips in roof; if so, give the length.



Prices quoted on application.

Boxing and Shipping.

As roofing is calculated by the "square," which equals one hundred square feet (measuring ten feet each way), we pack our shingles and slates in BOXES CONTAINING ONE "SQUARE" EACH.

The Ridge-Coping, Hip-Covering, Valley, etc., will be supplied in any number of lineal feet desired.

Nails.

Steel-Wire Barbed Nails, % or 1 inch, are better and cheaper than any others. We supply them when ordered. See price-list. The Tinned Steel Wire Barbed Nails cost a trifle more, but are worth the difference.

Sheathing Paper.

Paper is now generally used under all kinds of roofing material. While it is not necessary under our goods to make a tight roof, yet it is desirable because it will keep the building warmer in winter and cooler in summer. We can supply at lowest prices any brand or grade of paper in the market and will furnish quotations and samples on application.

We also supply TINNERS' SNIPS, etc. See price-list.

INSTRUCTIONS FOR LAYING METAL SLATES AND VICTORIA SHINGLES.

We furnish a separate circular giving FULL DIRECTIONS FOR LAYING both our Victoria Shingles and Metal Slates, which can be had on application, and is sent with all goods shipped.

Corner Finish.

Our Corner Finish is formed on the same principle as the new Plain Hip Covering, but smaller, and is used up and down the corners of buildings in connection with siding.

Gable=End Finish.

Gable-End Finish is recommended in using our Victoria Shingles to make a neat, stormproof finish, but it is not essential with our Metal Slates, which can be turned over berge board and nailed neatly.

Siding.

Both the Metal Slates and Victoria Shingles are suitable for siding all buildings where a fireproof, ornamental and durable finish is required. The small size particularly, is especially adapted for siding gables, upper stories, and ornamental bands around buildings, and many other places in which architects introduce shingle work.

Painting and Paint.

All our goods are painted thoroughly on BOTH sides, using the best quality iron paint mixed with pure linseed oil, etc.

We use only paint of RED color, but the goods can be painted any color desirable after they are on the roof.

We can supply paint in any quantity at current market prices.

Prices Quoted on Application.

"Eclipse" 2 and 3 Ply Prepared Roofing.

The Best,

Lightest and

Strongest

Composition Roof in Use.

Adapted to Either Flat or Steep Roofs.



For a Cheap Roof this is the Best of its Kind.

This Roofing is prepared by cementing two or three thicknesses of best Tarred Roofing Felt, and then pressed between heavy Calender Rolls, making a strong, thick fabric. After being thoroughly nailed with tin caps, this Roofing is covered with asbestos, or slate roofing cement, making a cheap, durable and lasting roof, both WATER AND FIRE-PROOF. This Roofing is adaptable for both flat and steep roofs, and not affected by gases or vapors from coal or steam.

Eclipse Prepared Roofing is equal, if not superior, to any prepared Roofing in the market.



Shows our Eclipse Prepared Roofing ready for shipment.



Shows formation of our Two-Ply Roofing; "a, a" being two layers of wool felt, and "b" a water-proof insoluble composition cementing them together.



Shows the formation of our Three-Ply Roofing; "a, a, a" being three layers of wool felt, and "b, b" two layers of water-proof insoluble composition cementing them together.

The Cost is Less than Shingles, and is Much More Easily and Quickly Applied.



Shows Roofing Nail and Tin Washer used in fastening the Roofing.

PRICE LIST.

.A roll contains sufficient to cover 100 square feet and allow 2 inches for the lap.

Eclipse Two-Ply.

One Roll of Two-Ply Felt; 1 Gallon Asbestos Roof Coating; 1½ lbs. Tin
Caps; 1 lb. Roofing Nails. Cost of 1 Square, Complete.....\$2.50

Eclipse Three-Ply.

Asbestos Roof Coating.

Less than five gallons, per gallon	0.40
Less than live ganons, per surrous.	35
5 gallons and over, per gallon	.00
95 cellons nor cellon	.30
50 gallons, barrel, per gallon	25
50 gallons, barrel, per gallon	. 20

Discount......Per Cent.

Before ordering any other Prepared Roofing try the ECLIPSE. It will suit you. Samples upon application.

Iron Oxide Paint=-Dry.

Bright Red.



WE GUARANTEE our Dry Paints equal to any in the market, and free from clay, lime and sand, and to be ground extra fine by machinery of the latest and most improved construction.

These paints are fire-proof and guaranteed not to crack, scale, fade nor peel.

Very cheap, and largely used on iron, tin, wood, stone and brick. PASTE FORM, ground thick in Linseed Oil.

PRICE LIST_Dry.

100 lbs., Kegs	7 00 MH
Barrels	una, \$0.01\%
Barrels Per po	und, $.01\frac{1}{4}$
In Ton LotsPer po	und, .01

Discount......Per Cent.

In Paste Form and Ready Mixed.

In Strong, Impervious Kits.



Color, Bright Red.

No Charge for Package.

Paste Form.

10	PoundsPer	nound	50.00
25	PoundsPer	pound,	\$0.00
50	Pounds	pound,	.05 1/2
100	PoundsPer	pound,	.051/2
500	Pounds	Pound,	. 05
000	to 600 Pound BarrelsPer	pound.	.04

Discount......Per Cent.

Air Floated Graphite Paint.

The Best Anti-Rust Solution.

Guaranteed not to Settle in the Bucket,



A Substantial Coating for Roofs, Bridges, Steam Pipes, Machinery, Cars, Vessels, Brick and Wood.

Not affected by Creosote, Soot. Gases, Salt Water nor Alkalies.

This Paint, as now made by us, PRESERVES Metallic Roofs and other surfaces much LONGER, when properly applied, than other Paints.

GRAPHITE is light in weight and much more bulky than Oxide or White Lead, and for this reason covers more surface, and more than overcomes difference in price of Cheap Paints. It is more durable.

It does not Settle, Rust, Crack, Flake nor Peel. Does not hold dirt like other dark colors. The color is a rich dark slate.

We furnish only Best Quality, No Substitute or Cheap Stuff.

Directions for Using Graphite Paint.

For the Ready Mixed -- Stir Thoroughly and Apply.

FOR PASTE, thin in small quantities, with about twice its bulk in Boiled Linseed Oil and Dryer, to make it spread freely, clean the surface from scale, dirt and dust. Stir well before using and frequently during use, to keep the solution uniform. Spread evenly, and allow to dry thoroughly before applying the second coat.

\$2 COVERING CAPACITY. One gallon Ready Mixed will cover from 600 to 800 feet of metal or wood surface, according to smoothness.

Ten pounds of the Paste thinned with Linseed Oil will cover 1000 sq. feet.

PRICE LIST.

In Paste Form.

10	Pounds	Per	pound,	\$0.18
25	Pounds	Per	pound,	.161/2
20	Founds	Per	pound.	.15
90	Pounds	Por	nound.	131/2
100	Pounds	Don	pound,	19
500	to 600 Pound Barrels	rer	pound,	. 1.2
	Discount Per Cent			

Mixed Paints.

IRON OXIDE.



MADE READY FOR THE BRUSH.

Prepared Expressly for Metallic Roofs, Shingles, Siding and Bridges. Barns, Sheds, Brick Walls, Railroad Buildings, Etc.

We make "Our Own" Paints ourselves, of PURE BOILED LINSEED OIL and IRON OXIDE PAINT ground in oil, thoroughly mixed by machine, GUARANTEE-ING them the best that can be made, and not to crack, scale, blister or peel.

One gallon spreads a good coat over 400 to 500 square feet.

PRICES.

COLORS—Red and Prince's Brown. In Impervious Wooden Tub with Bail.

One gallon kit, per gallon	01	20
1 WO, three and four gallon kits, her gallon	4	0=
Five gallon kits, per gallon.	1	. 20
Ten gellen tube per gellen	1	.20
Ten gallon tubs, per gallon.	1	.10
Twenty-five gallons, half barrel, per gallon.	1	.00
Fifty gallons, barrel, per gallon		.90

GRAPHITE.

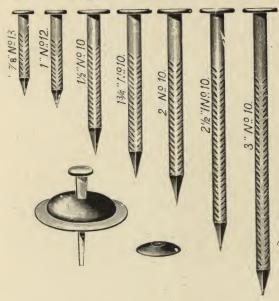
Dark Slate Color.

Is unaffected by Salt, Air, Sulphur, Ammonia, Chemical Fumes, Alkali, or any solution known to chemistry, and has no equal for Metal Roofs, Iron Bridges, Smoke Stacks, etc. Graphite Paint is very light, one gallon spreading a good coat over 700 square feet.

PRICES.

One gaflon kit, per gallon	\$1 60
Two, three and four gallon kits, her gallon	-2
rive ganon kits, per ganon	4 50
Ten sanon tuns, per ganon	4 40
I wellty-live gallons, half barrel, per gallon	4 0"
Fifty gallons, barrel, per gallon.	. 1.30

Nails, Tin Caps and Lead Washers.



These Sizes kept in Stock. All other Sizes Furnished Promptly if required.

For Eclipse Prepared Roofing we keep 1 and 11/2 inch Tin Caps.

Lead Washers Furnished with Corrugated Roofing when Ordered.

PRICE LIST.

Nails, per square	Net, \$0.03
Nails, per square	
Nails, per keg—Market price according to size	Not 06
Tin ('aps, per pound	Net, .00
Lead Washers, per square	Page No 155
Lead Washers, per pound	1 ago 110. 100.

Elastic Roof Cement.

Guaranteed the Best in the Market.

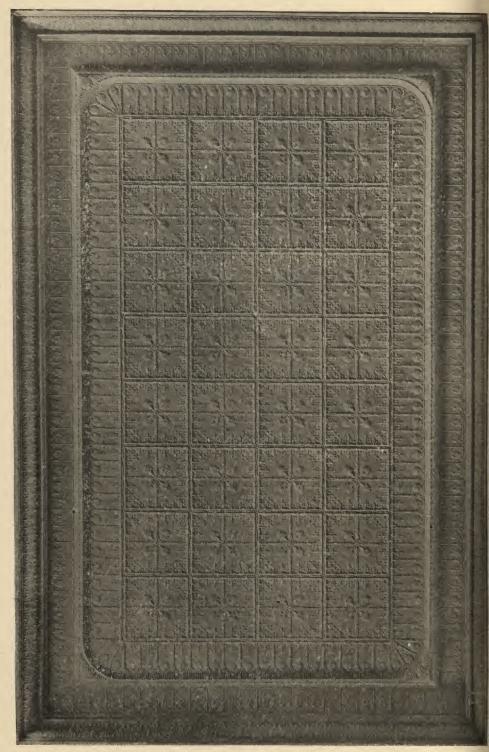
For pointing up and preventing leaks in metallic roofs, around chimneys, copings, skylights, gutters, cupolas, dormer windows, slate, stone, brick and wood. Iron, Tin, Shingle, and Slate Roofs can be made absolutely and permanently water tight by the use of our Elastic Roof Cement.

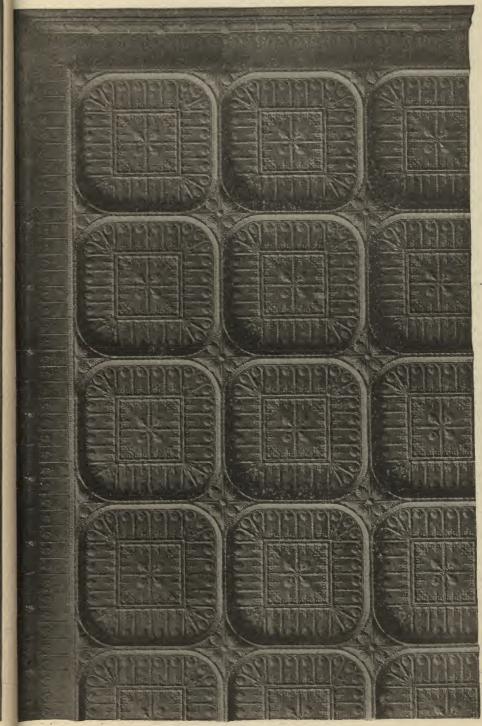
Is very adhesive, sticks to everything. Will Not Crack in Summer or

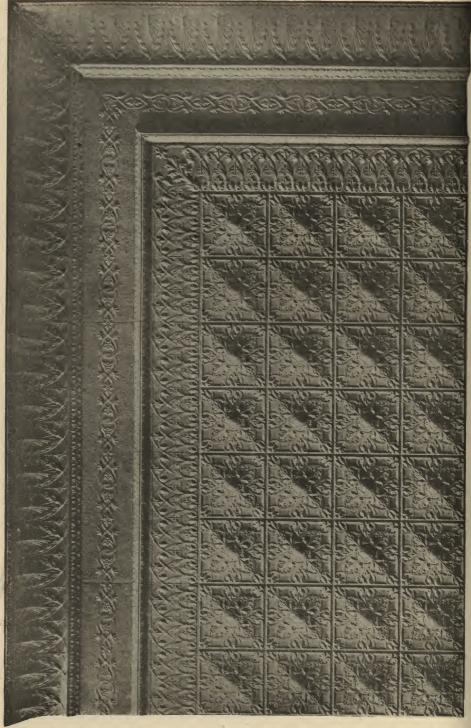
Winter, and easily applied with knife or trowel.

PRICES.

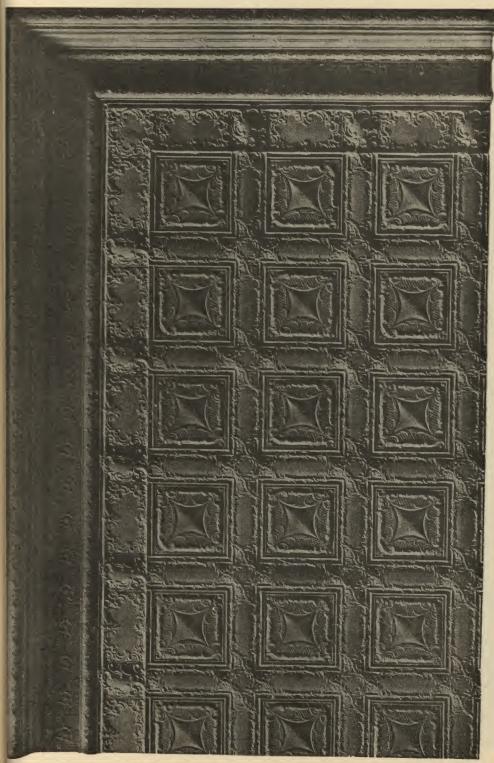
1 01 / II D		
12½ lb. Box	Net, 1.75	
25 lb, Box	Net, 3.00	

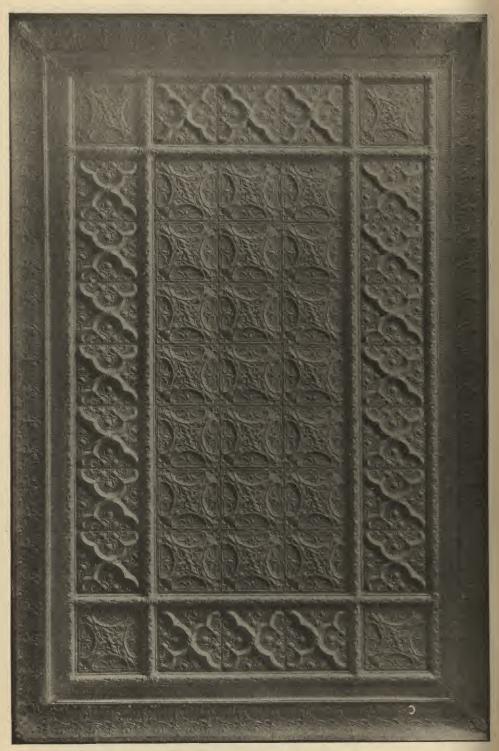


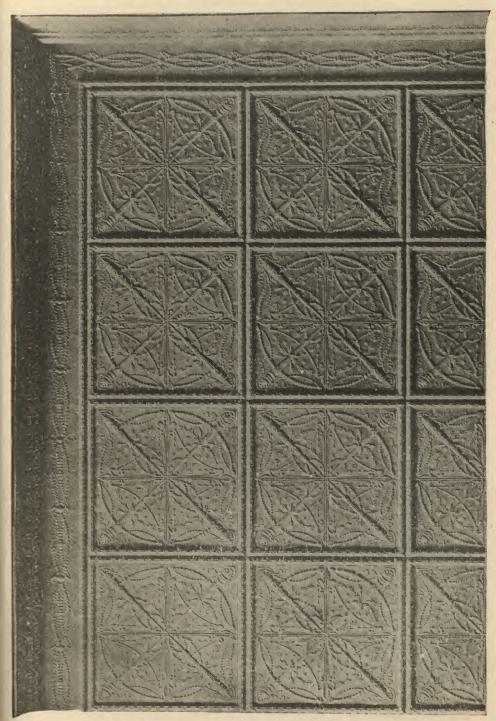




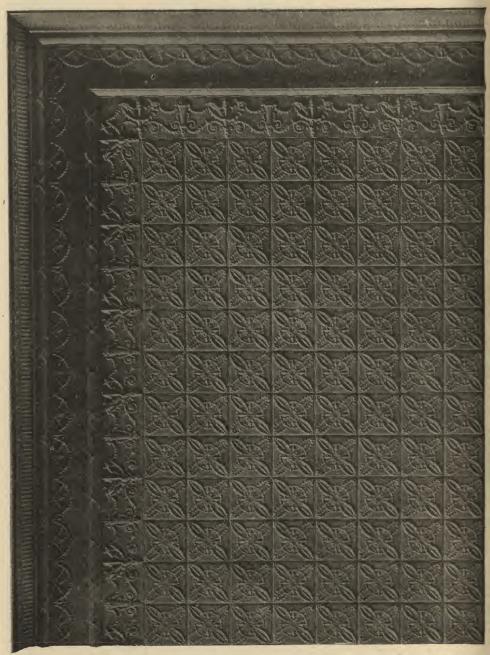
For a Room 18x25 feet...Price per square, \$8.75 For a Room 20x60 feet...Price per square, \$8.50 Discount......Per Cent.



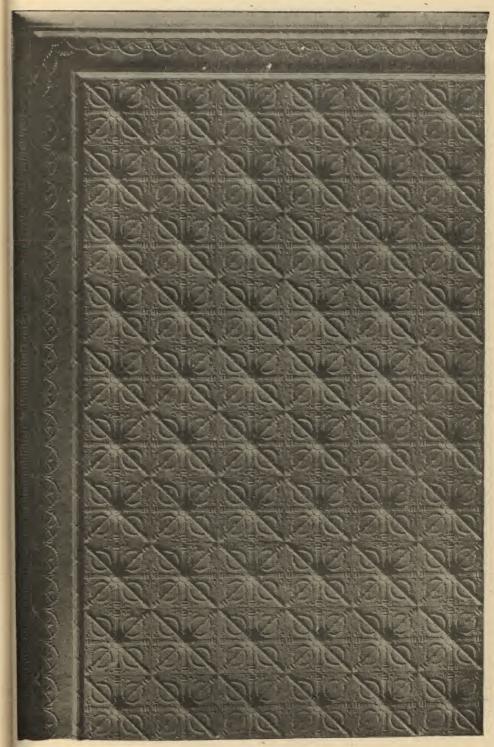




Colonial Ceiling Design, No. 1567.

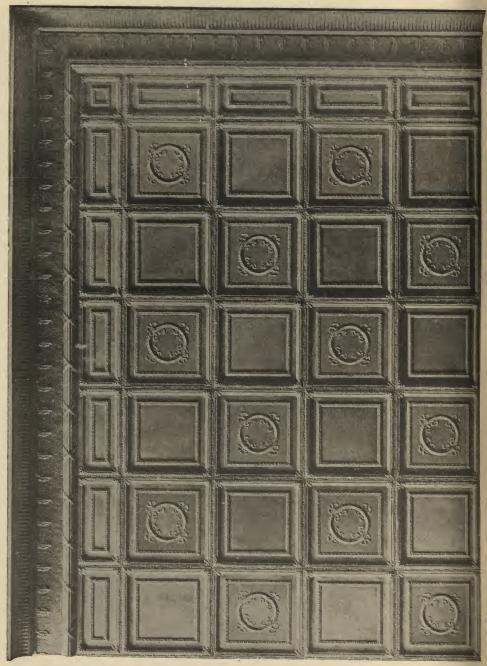


For a Room 18x25 feet...Price per square, \$8.50 For a Room 20x60 feet...Price per square, \$8.00 Discount.......Per Cent.



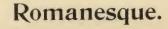
For a Room 18x25 feet...Price per square, \$9.00 For a Room 20x60 feet...Price per square, \$3.75 Discount............Per Cent.

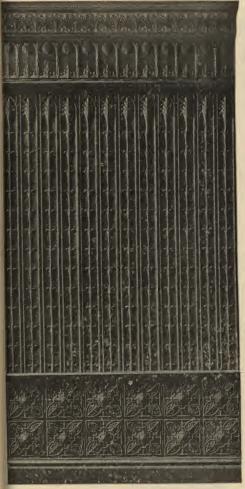
Colonial Ceiling Design, No. 1574.



For a Room 18x25 feet... Price per square, \$8.50 For a Room 20x60 feet... Price per square, \$8.00 Discount Per Cent.

Greek.





Greek Sidewall Design, No. 1162.



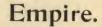
Romanesque Sidewall Design, No. 1262.

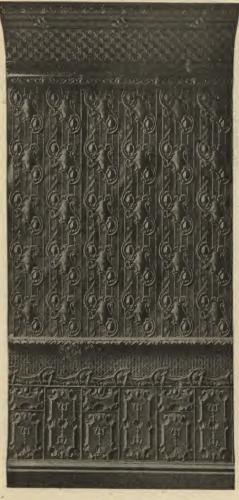
PRICE LIST.

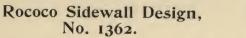
For a Room 12x15 feet	\$10.00
For a Room 15x20 feet	9 50
For a Room 18x25 feet	9.00
For a Room 20x60 feet	0.10

Discount......Per Cent.

Rococo.









Empire Sidewall Design, No. 1462.

PRICE LIST.

For a Room 12x15 feet	Price per square, \$10.00
For a room 19x20 feet	Price per square 9 50
For a Room 18x25 feet	Price per square, 9.25
For a foom 20x00 feet	Price per square, 9.00

Discount..... Per Cent.

Colonial.





Colonial Sidewall Design, No. 1562. Colonial Sidewall Design, No. 1563.

PRICE LIST.

For a R	oom 12x15	feetPrice p	er square,	\$9.50
For a R	oom 15x20	feet	per square,	9.00
For a R	Coom 18x25	feet Price p	per square,	8.75
For a R	Coom 20x60	feetPrice p	er square,	8.50

Discount Per Cent.

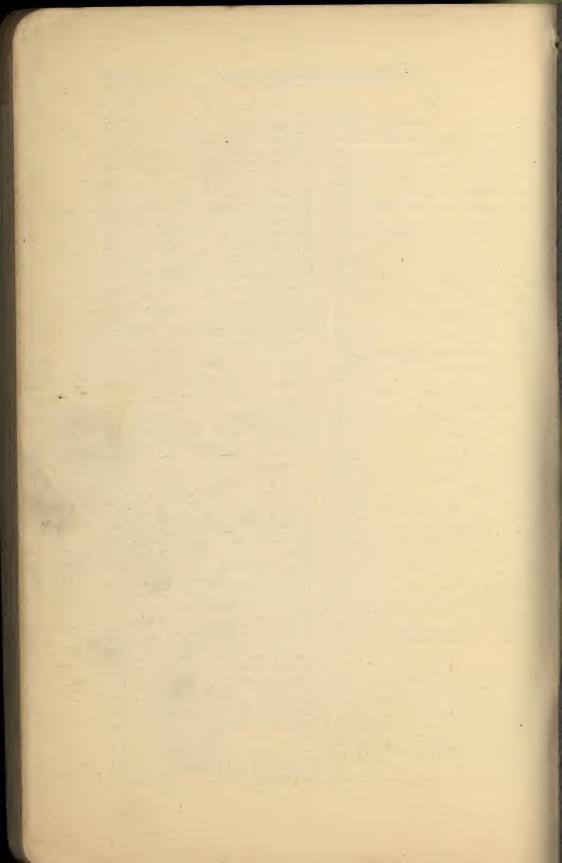
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